

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059431.D
 Acq On : 27 Nov 2019 19:10
 Operator : JC/SP
 Sample : VN1127WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Manual Integrations
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 12/2/2019 10:09:16 AM

Quant Time: Nov 29 03:16:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	349702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	194632	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.57	113	159900	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.08	98	632426	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.40	95	215779	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	80967	19.672	ug/l	99
3) Chloromethane	2.04	50	98301	19.552	ug/l	100
4) Vinyl Chloride	2.17	62	95154	19.695	ug/l	99
5) Bromomethane	2.55	94	55803	19.184	ug/l	98
6) Chloroethane	2.69	64	54162	19.995	ug/l	94
7) Trichlorofluoromethane	3.00	101	112804	19.602	ug/l	97
8) Diethyl Ether	3.39	74	46442	19.830	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	67191	18.958	ug/l	98
10) Methyl Iodide	3.93	142	88942	19.280	ug/l	99
11) Tert butyl alcohol	4.76	59	73987	104.260	ug/l	99
12) 1,1-Dichloroethene	3.72	96	68265	19.668	ug/l	98
13) Acrolein	3.58	56	54312	78.403	ug/l	96
14) Allyl chloride	4.30	41	123776	19.228	ug/l	98
15) Acrylonitrile	4.96	53	203230	102.775	ug/l	98
16) Acetone	3.79	43	224488	115.032	ug/l	99
17) Carbon Disulfide	4.03	76	217854	18.290	ug/l	99
18) Methyl Acetate	4.30	43	104250	19.617	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	222069	19.855	ug/l	97
20) Methylene Chloride	4.53	84	77412	19.522	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	72911	19.280	ug/l	95
22) Diisopropyl ether	5.92	45	241333	20.174	ug/l	96
23) Vinyl Acetate	5.87	43	984327	101.992	ug/l	99
24) 1,1-Dichloroethane	5.82	63	136777	19.872	ug/l	99
25) 2-Butanone	6.81	43	285568	106.369	ug/l	99
26) 2,2-Dichloropropane	6.80	77	115324	19.688	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	80526	19.470	ug/l	98
28) Bromochloromethane	7.18	49	53517	18.992	ug/l	99
29) Tetrahydrofuran	7.19	42	185084	103.658	ug/l	100
30) Chloroform	7.35	83	130622	18.859	ug/l	100
31) Cyclohexane	7.63	56	129277	18.736	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	112340	19.834	ug/l	99
36) 1,1-Dichloropropene	7.78	75	103369	19.506	ug/l	99
37) Ethyl Acetate	6.91	43	110609	19.728	ug/l	99
38) Carbon Tetrachloride	7.75	117	98933	19.782	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	122267	19.285	ug/l	98
40) Benzene	8.02	78	307380	19.535	ug/l	99
41) Methacrylonitrile	7.16	41	48714m	18.659	ug/l	
42) 1,2-Dichloroethane	8.11	62	99676	19.978	ug/l	98
43) Isopropyl Acetate	8.15	43	168984	19.839	ug/l	100
44) Trichloroethene	8.82	130	77865	19.408	ug/l	99
45) 1,2-Dichloropropane	9.11	63	81602	19.827	ug/l	99
46) Dibromomethane	9.20	93	49091	19.329	ug/l	99
47) Bromodichloromethane	9.39	83	100180	19.502	ug/l	100
48) Methyl methacrylate	9.19	41	75320	19.932	ug/l	99
49) 1,4-Dioxane	9.19	88	23711	429.618	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	525917	106.449	ug/l	100
52) Toluene	10.15	92	184319	19.608	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	114934	19.471	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	124545	19.546	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	72118	19.601	ug/l	99
56) Ethyl methacrylate	10.42	69	106226	21.214	ug/l	98
57) 1,3-Dichloropropane	10.70	76	125383	19.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	199946	126.830	ug/l	100
59) 2-Hexanone	10.75	43	393036	107.284	ug/l	99
60) Dibromochloromethane	10.90	129	74673	19.443	ug/l	98
61) 1,2-Dibromoethane	11.00	107	73197	19.414	ug/l	99
64) Tetrachloroethene	10.63	164	71062	19.732	ug/l	99
65) Chlorobenzene	11.43	112	191626	19.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	71017	19.867	ug/l	100
67) Ethyl Benzene	11.51	91	343454	19.837	ug/l	99
68) m/p-Xylenes	11.62	106	256688	39.709	ug/l	99
69) o-Xylene	11.95	106	123883	19.983	ug/l	99
70) Styrene	11.97	104	191986	20.898	ug/l	99
71) Bromoform	12.13	173	54351	19.968	ug/l #	100
73) Isopropylbenzene	12.25	105	328194	19.920	ug/l	100
74) N-amyl acetate	12.07	43	124760	21.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	107497	20.007	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	102108m	20.295	ug/l	
77) Bromobenzene	12.53	156	78590	19.483	ug/l	98
78) n-propylbenzene	12.59	91	375500	19.778	ug/l	100
79) 2-Chlorotoluene	12.68	91	224807	19.805	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	276863	19.991	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38025	19.419	ug/l	98
82) 4-Chlorotoluene	12.78	91	225109	19.275	ug/l	100
83) tert-Butylbenzene	13.00	119	237077	19.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	271477	20.010	ug/l	99
85) sec-Butylbenzene	13.17	105	313244	19.835	ug/l	100
86) p-Isopropyltoluene	13.29	119	278107	19.480	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	137498	19.234	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	135776	18.919	ug/l	99
89) n-Butylbenzene	13.62	91	231039	18.513	ug/l	99
90) Hexachloroethane	13.88	117	52814	19.355	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	133147	19.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22034	23.813	ug/l	97

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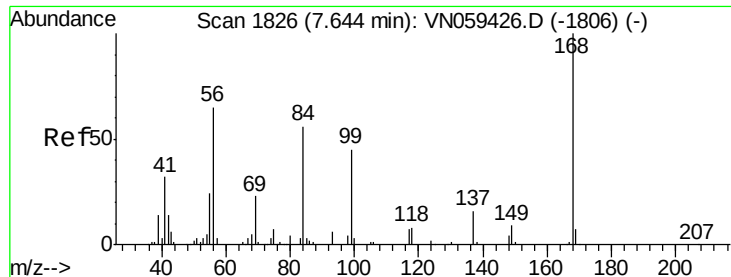
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	77038	17.693	ug/l	100
94) Hexachlorobutadiene	15.01	225	49534	18.563	ug/l	98
95) Naphthalene	15.13	128	207351	22.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	79225	21.983	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion:168 Resp: 349702

Ion Ratio Lower Upper

168 100

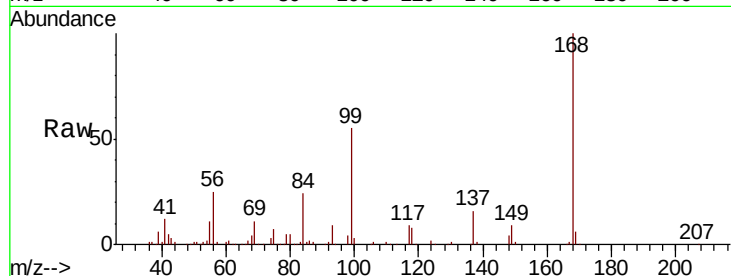
99 54.6 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

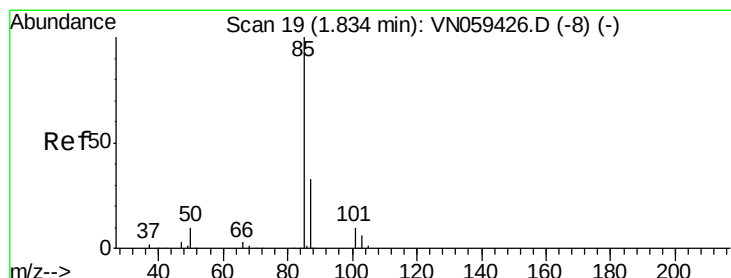
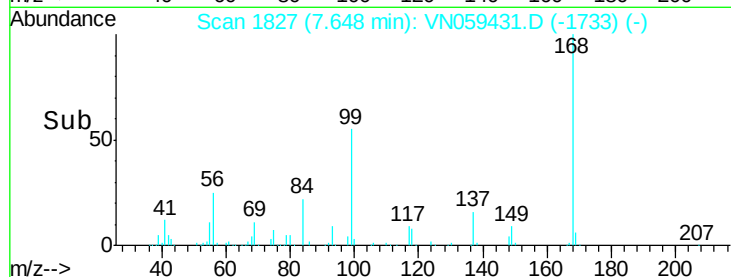
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.672 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN059431.D

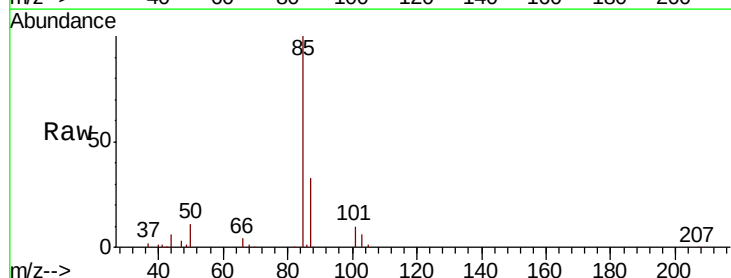
Acq: 27 Nov 2019 19:10

Tgt Ion: 85 Resp: 80967

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

60000

50000

40000

30000

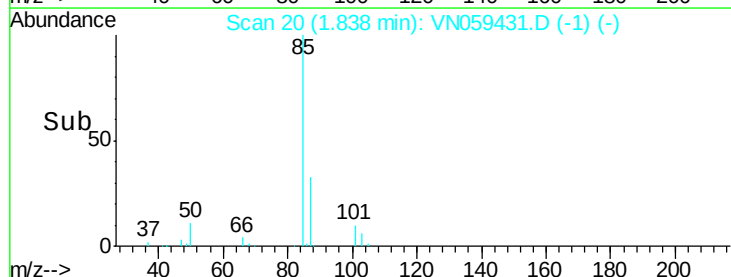
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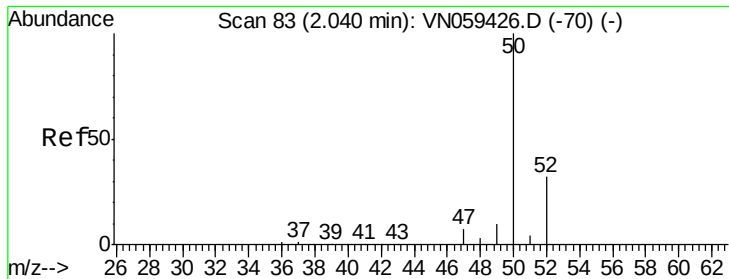
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.552 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

VN1127WBSD01

Tot Ion: 50 Resp: 98301

Ion Ratio Lower Upper

50 100

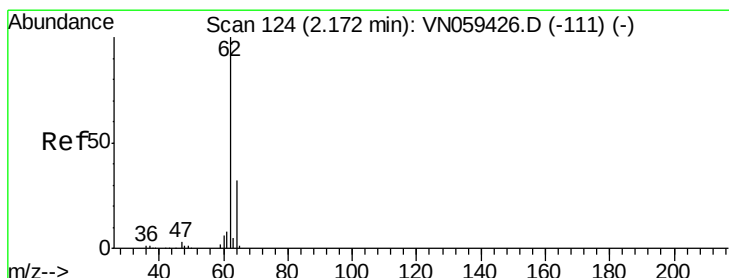
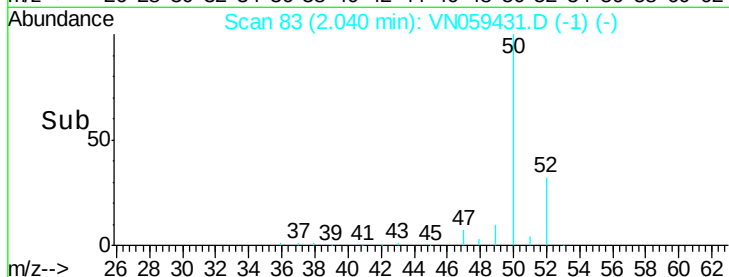
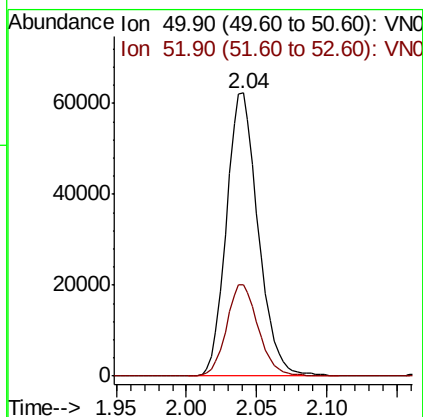
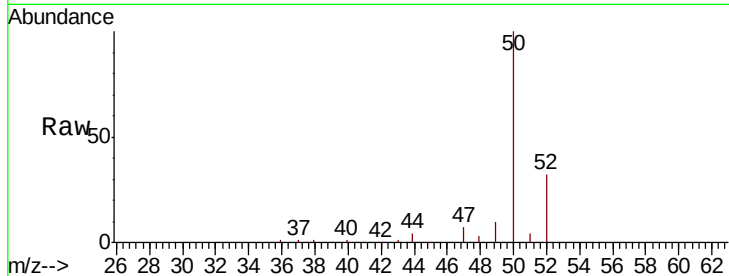
52 32.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.695 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059431.D

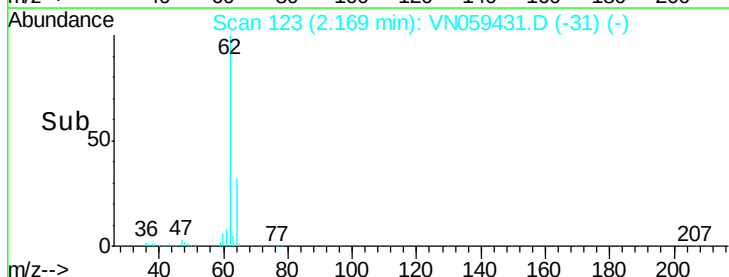
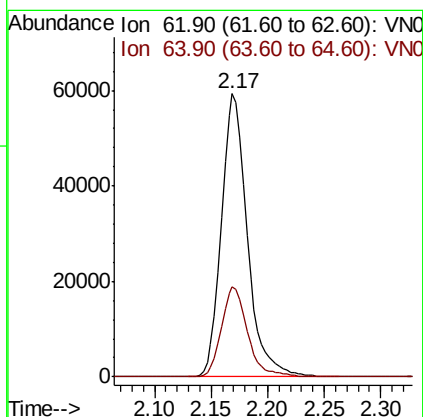
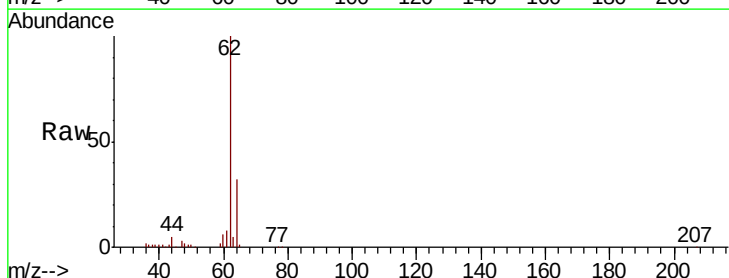
Acq: 27 Nov 2019 19:10

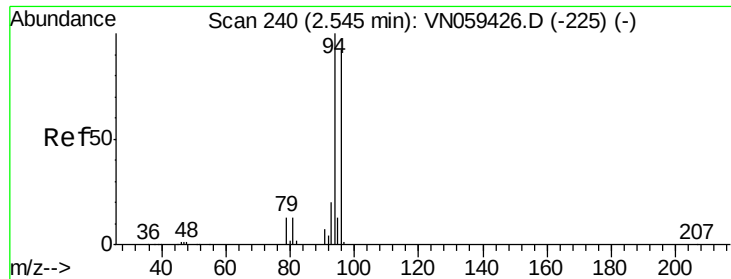
Tgt Ion: 62 Resp: 95154

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 19.184 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 94 Resp: 55803

Ion Ratio Lower Upper

94 100

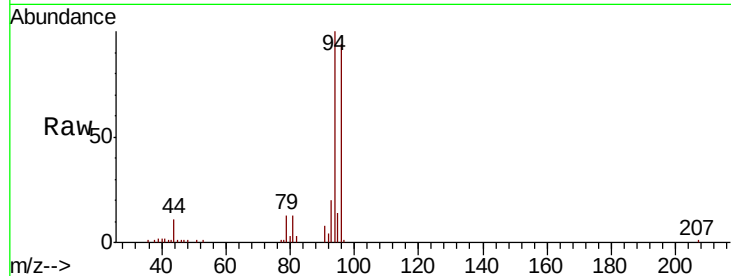
96 94.3 73.8 110.6

Manual Integrations

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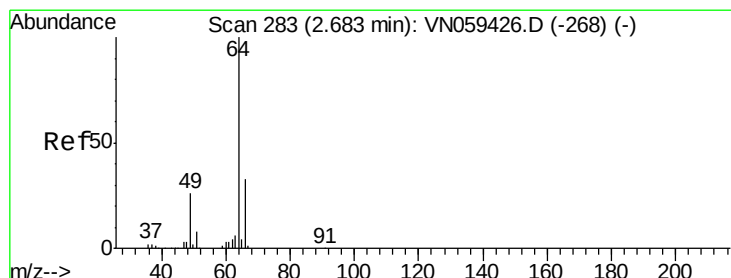
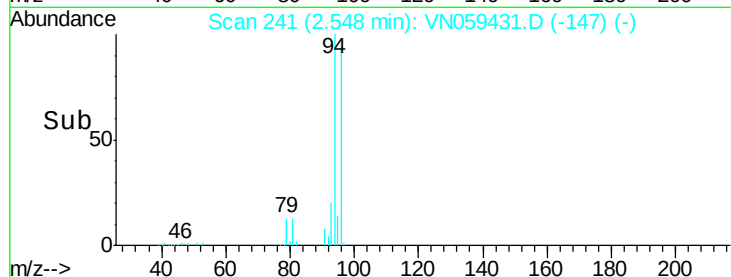
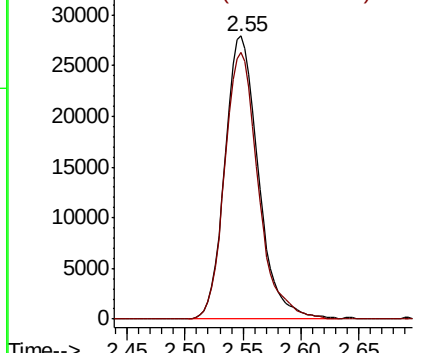
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.995 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059431.D

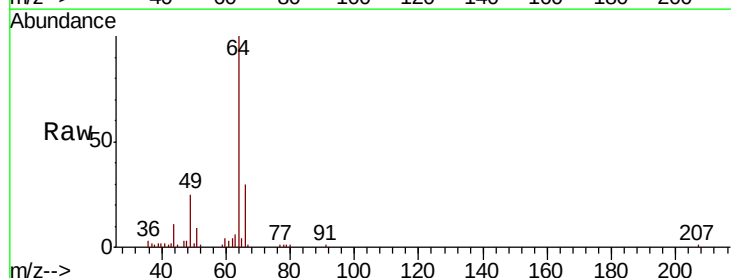
Acq: 27 Nov 2019 19:10

Tgt Ion: 64 Resp: 54162

Ion Ratio Lower Upper

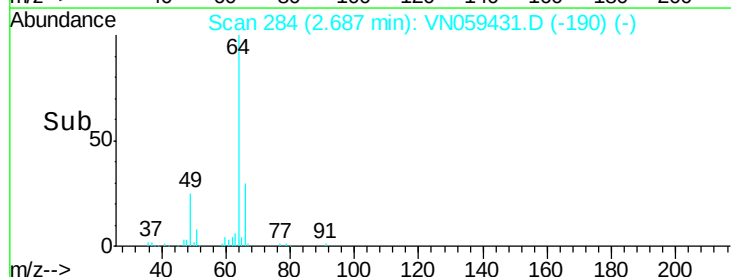
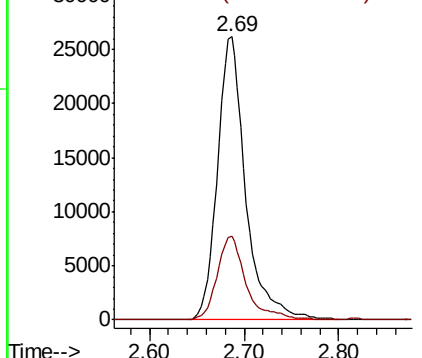
64 100

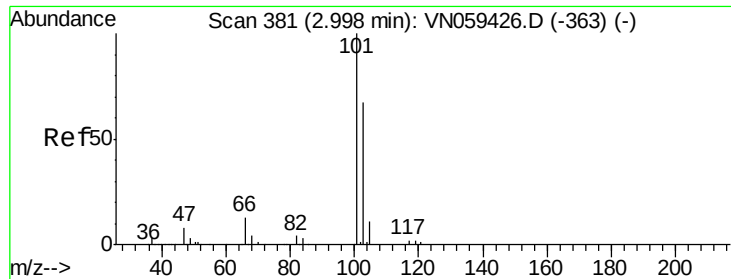
66 29.7 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

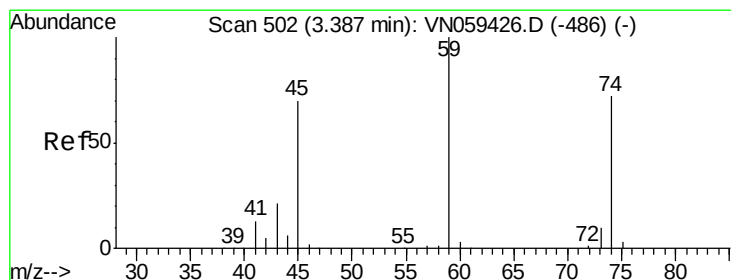
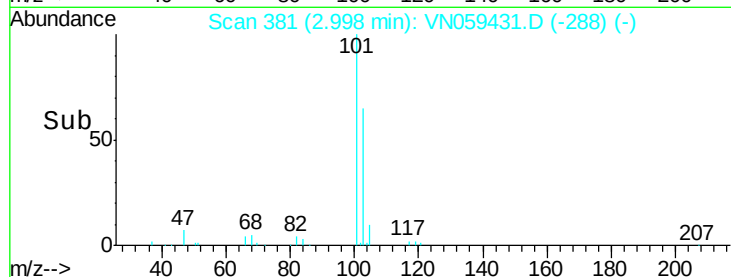
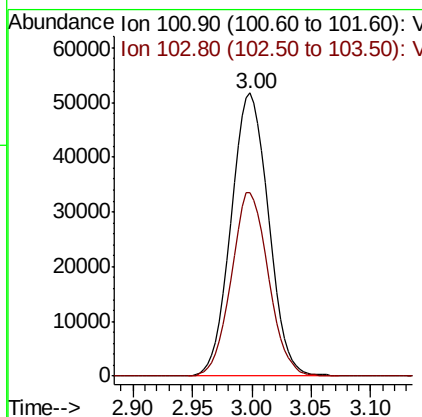
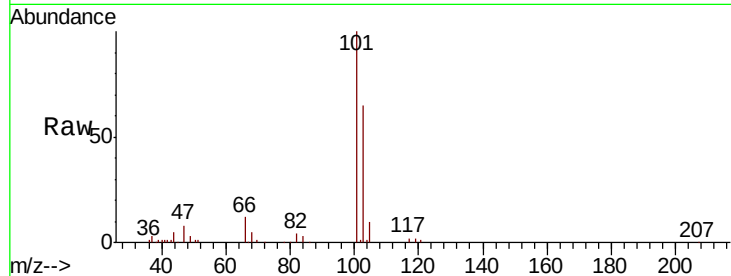
Trichlorofluoromethane
 Concen: 19.602 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

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 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.6	80.4

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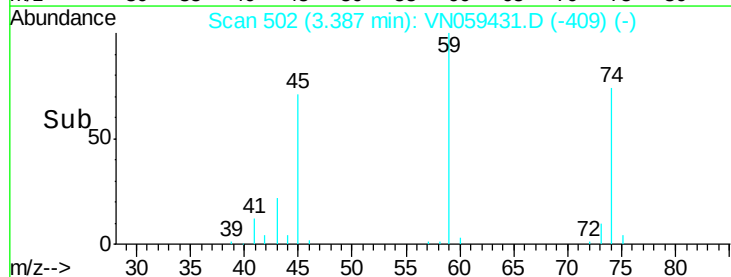
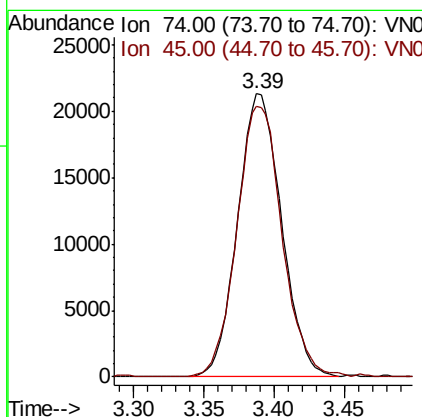
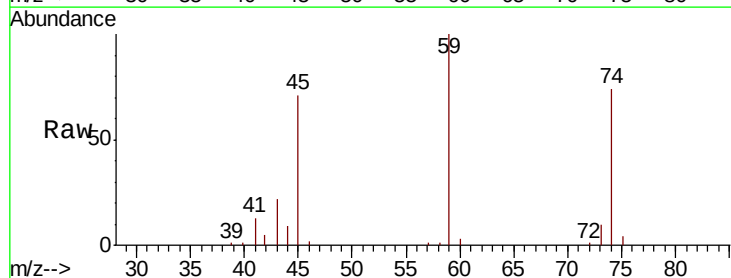
apatel
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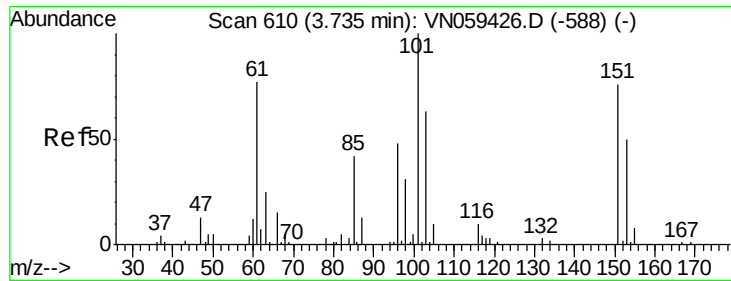


#8

Diethyl Ether
 Concen: 19.830 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.958 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059431.D

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Instrument :

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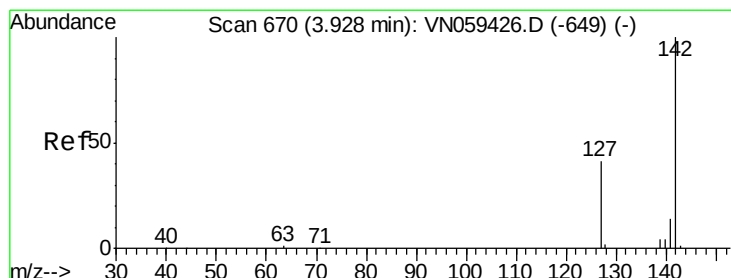
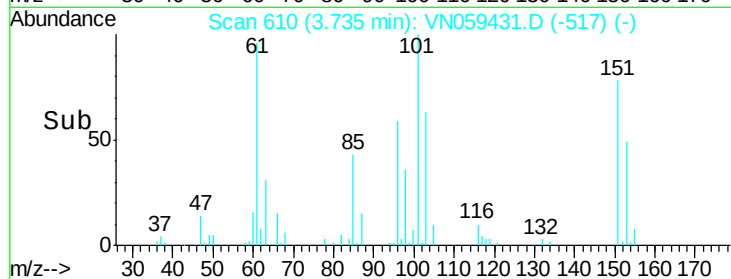
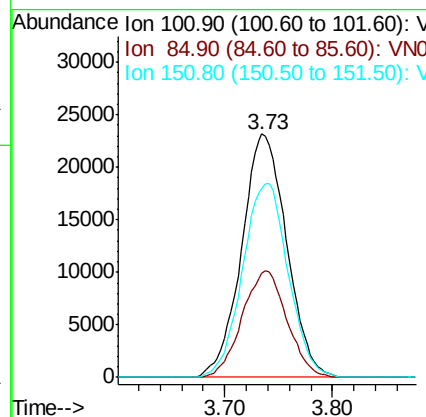
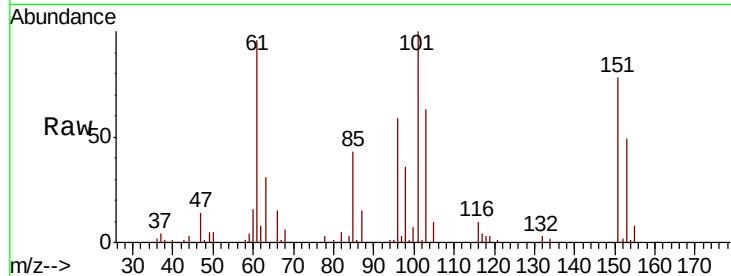
ClientSampleId :

VN1127WBSD01

Tot Ion:	101	Resp:	67191
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.2	51.2
151	80.8	62.6	93.8

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#10

Methyl Iodide

Concen: 19.280 ug/l

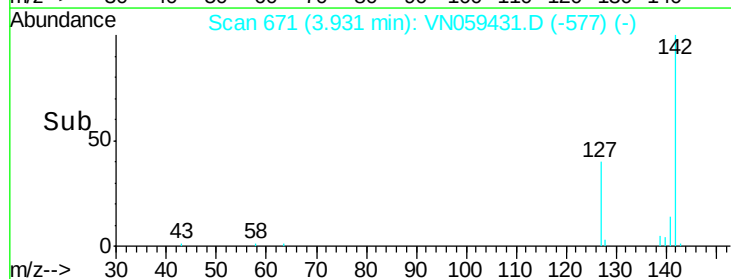
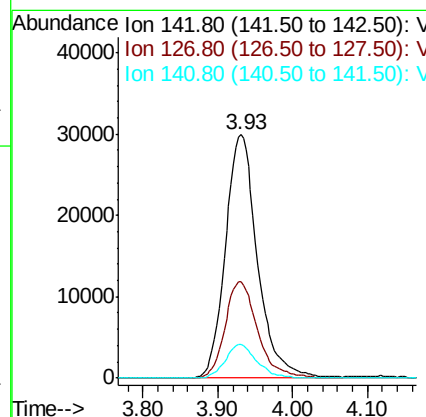
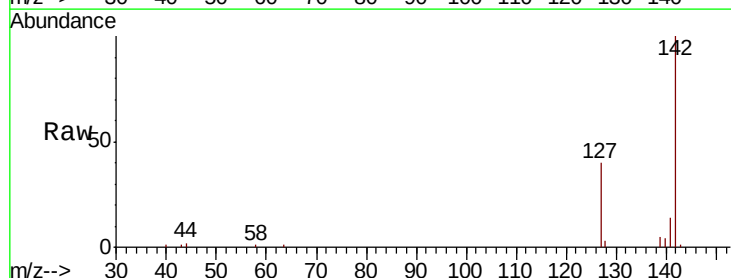
RT: 3.93 min Scan# 671

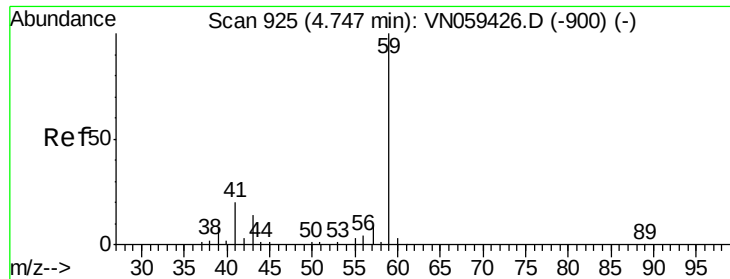
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	142	Resp:	88942
Ion Ratio	Lower	Upper	
142	100		
127	40.0	32.6	48.8
141	13.5	11.1	16.7





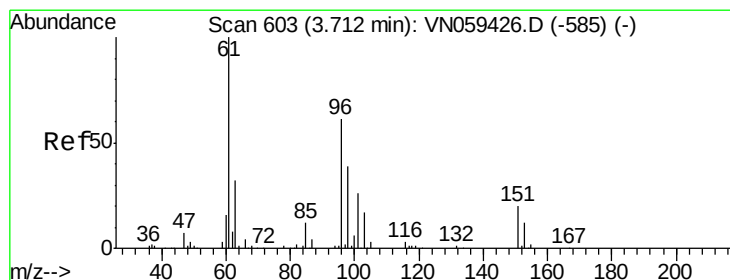
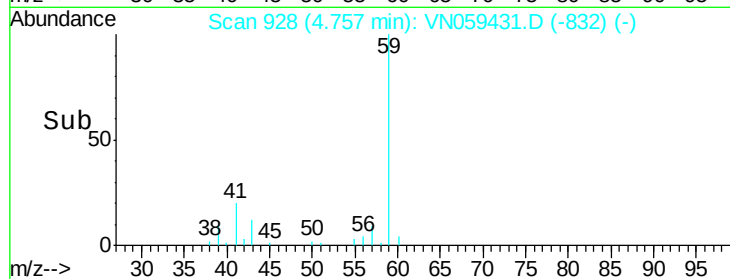
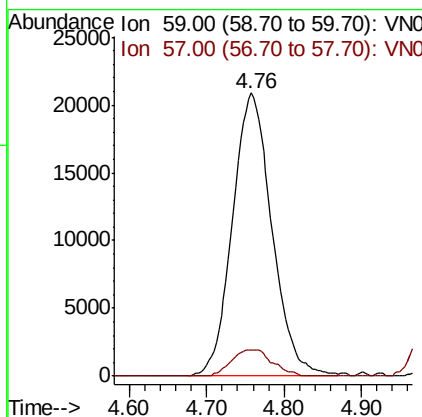
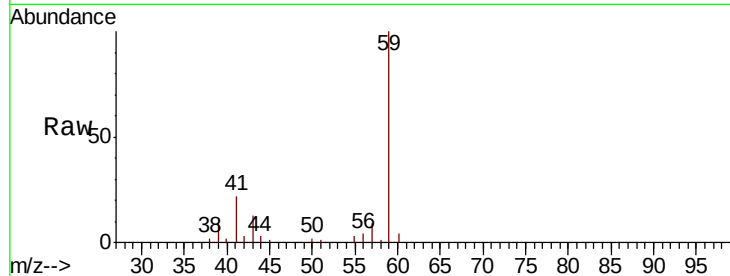
#11
Tert butyl alcohol
Concen: 104.260 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.01 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion: 59 Resp: 73987
Ion Ratio Lower Upper
59 100
57 5.3 3.8 5.8

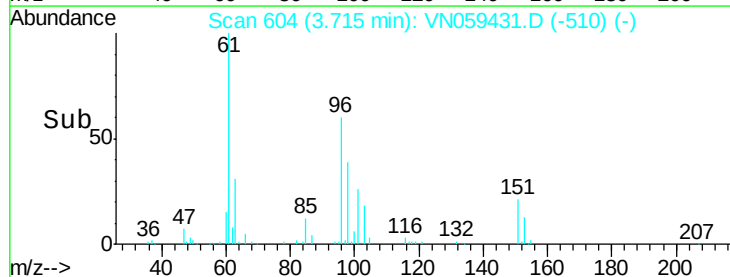
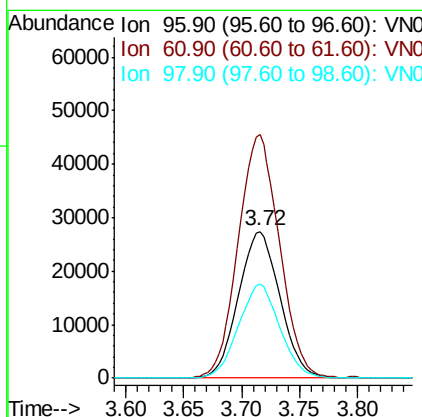
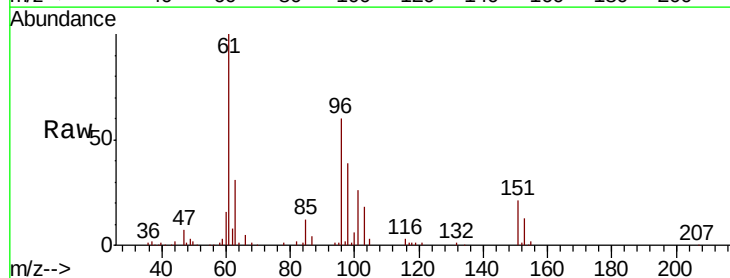
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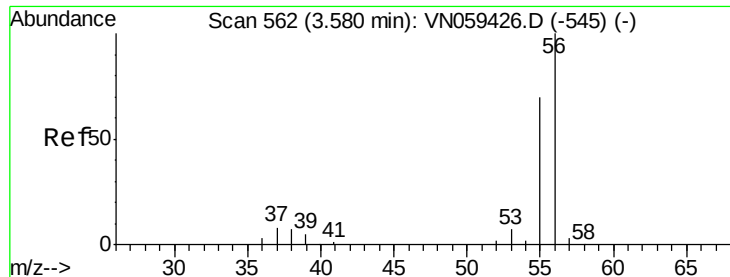
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#12
1,1-Dichloroethene
Concen: 19.668 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion: 96 Resp: 68265
Ion Ratio Lower Upper
96 100
61 166.1 130.5 195.7
98 64.2 51.3 76.9





#13

Acrolein

Concen: 78.403 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 56 Resp: 54312

Ion Ratio Lower Upper

56 100

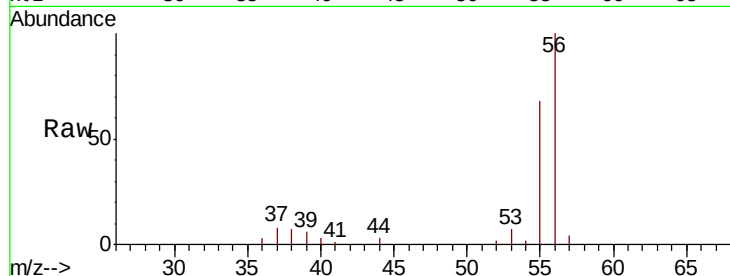
55 68.8 57.8 86.6

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

25000

20000

15000

10000

5000

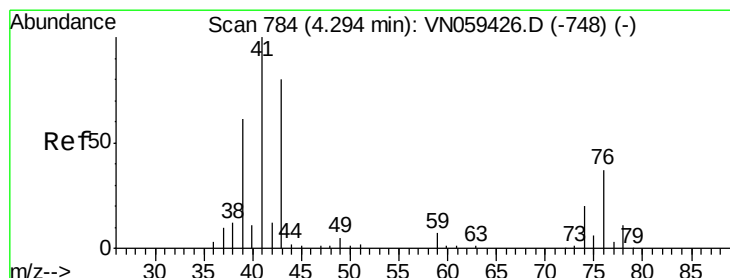
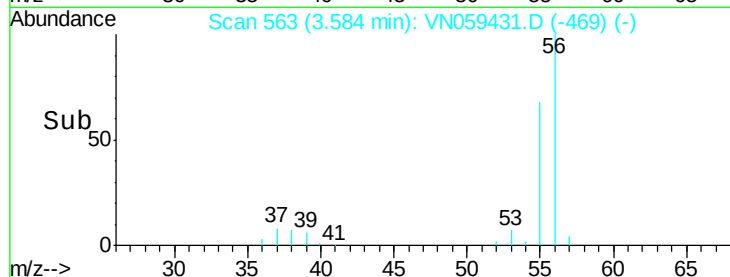
0

3.58

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 19.228 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

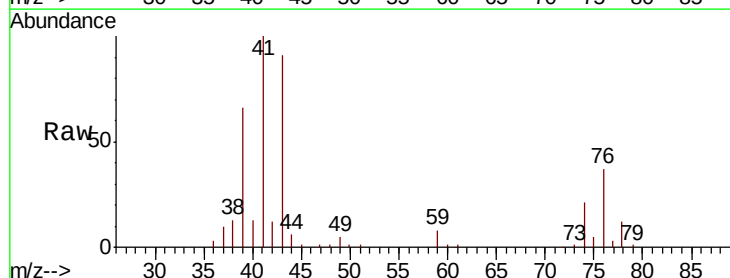
Tgt Ion: 41 Resp: 123776

Ion Ratio Lower Upper

41 100

39 60.1 46.5 69.7

76 33.7 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

50000

40000

30000

20000

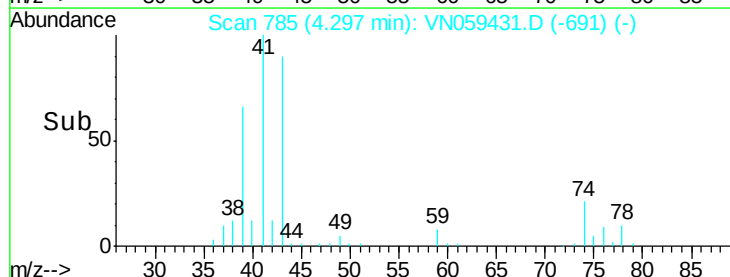
10000

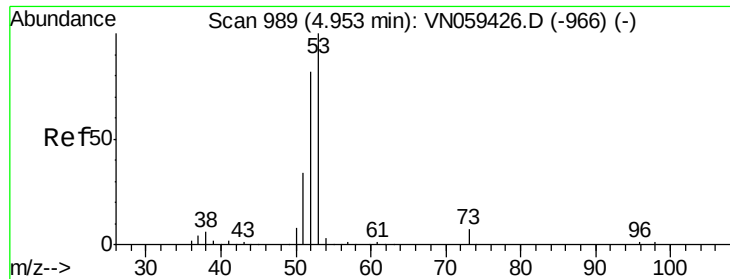
0

4.30

4.40

Time-->





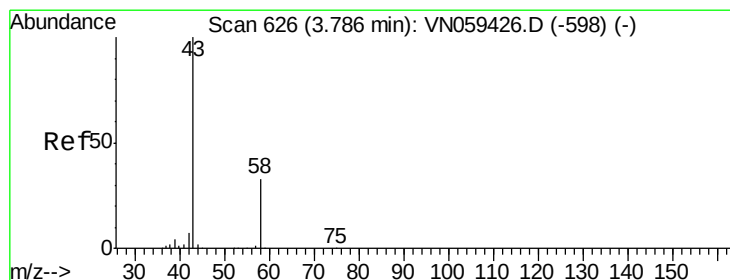
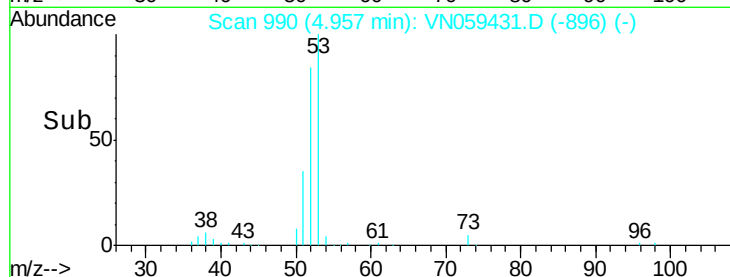
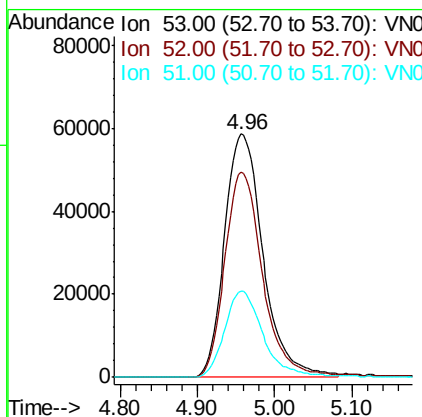
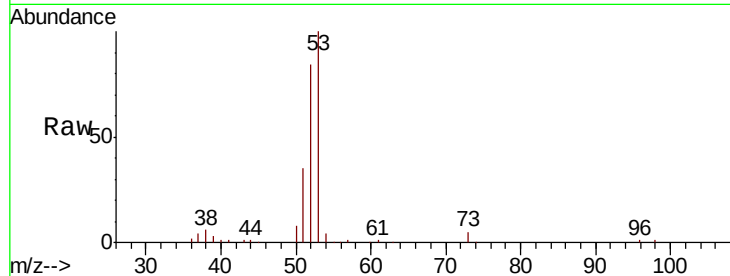
#15
 Acrylonitrile
 Concen: 102.775 ug/l
 RT: 4.96 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion:	53	Resp:	203230
Ion Ratio	Lower	Upper	
53	100		
52	83.2	65.1	97.7
51	35.4	27.8	41.8

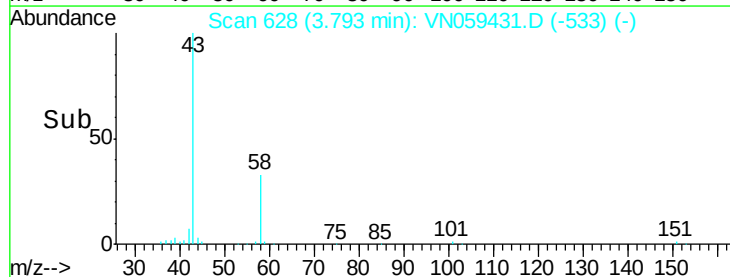
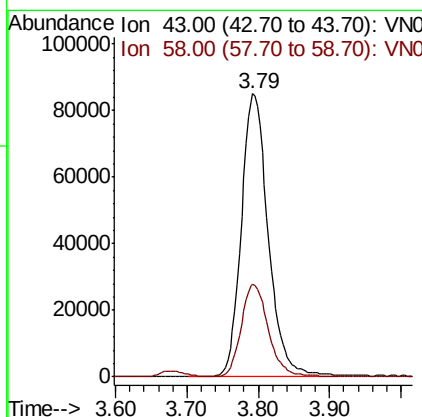
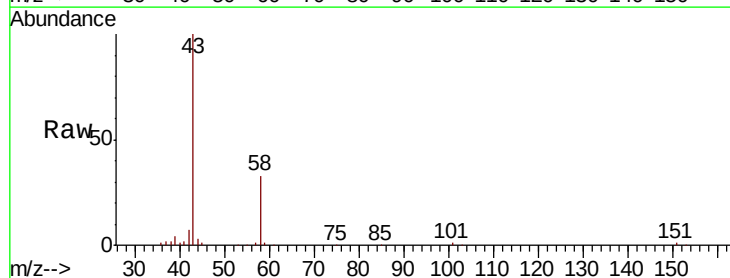
Manual Integrations
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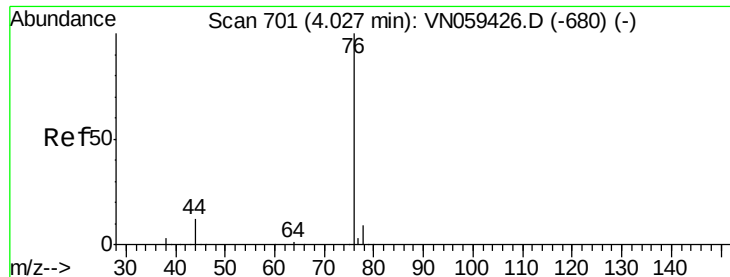
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#16
 Acetone
 Concen: 115.032 ug/l
 RT: 3.79 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion:	43	Resp:	224488
Ion Ratio	Lower	Upper	
43	100		
58	32.5	26.6	39.8





#17

Carbon Disulfide

Concen: 18.290 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 76 Resp: 217854

Ion Ratio Lower Upper

76 100

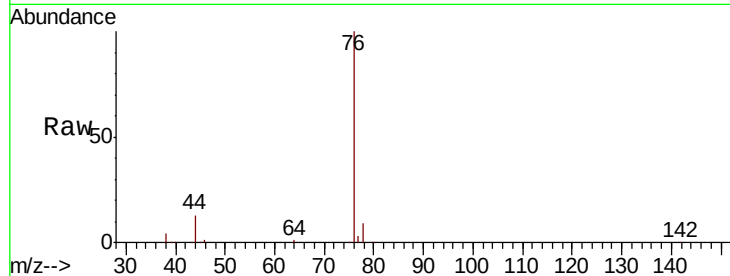
78 9.5 7.4 11.0

Manual Integrations

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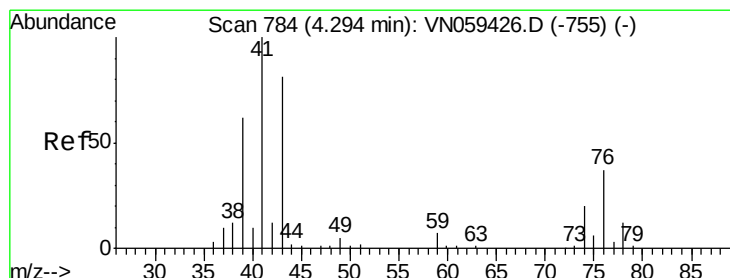
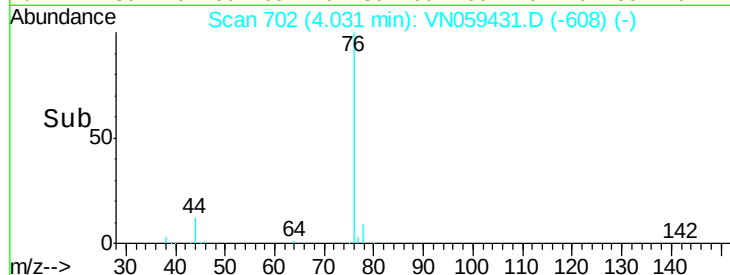
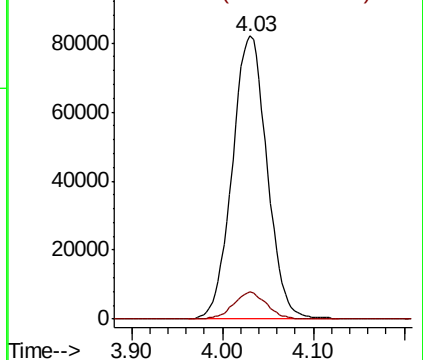
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.617 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059431.D

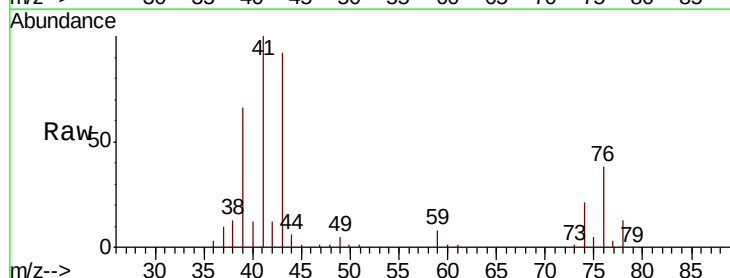
Acq: 27 Nov 2019 19:10

Tgt Ion: 43 Resp: 104250

Ion Ratio Lower Upper

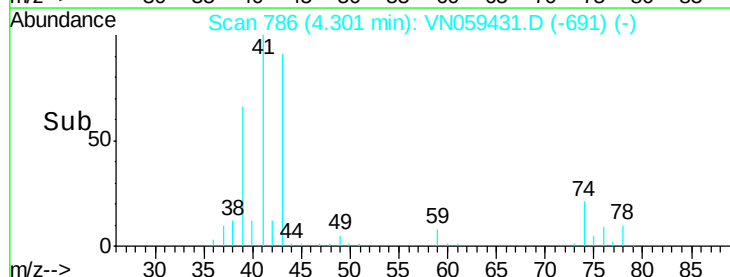
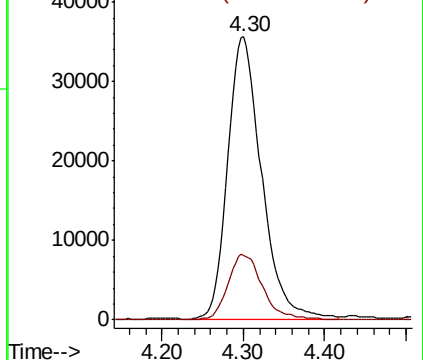
43 100

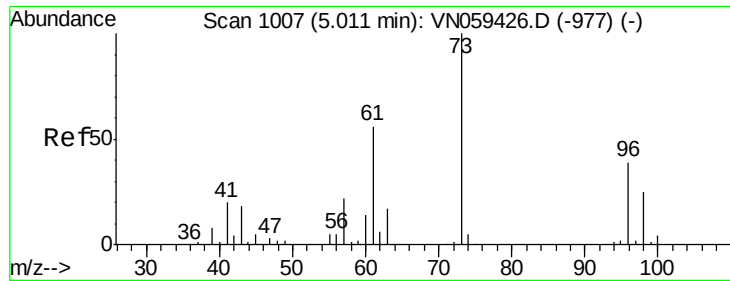
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





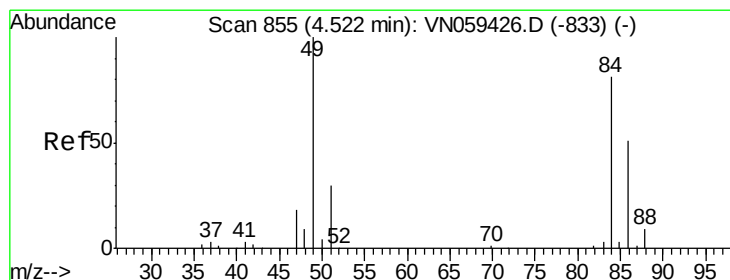
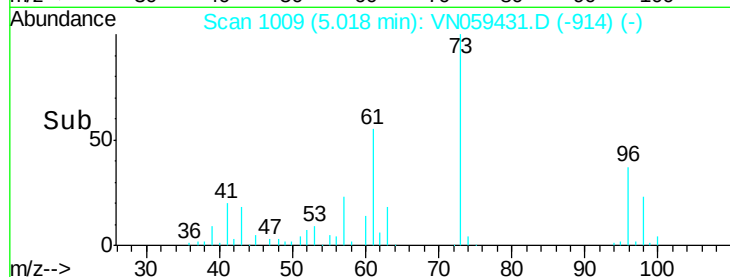
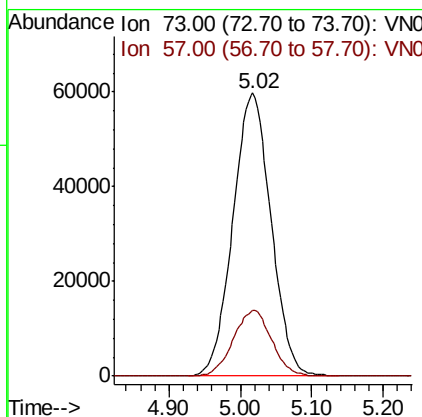
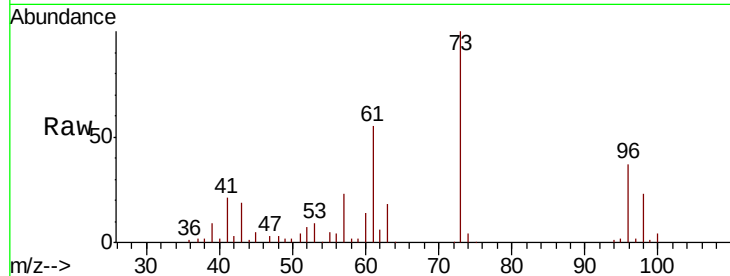
#19
Methyl tert-butyl Ether
Concen: 19.855 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion: 73 Resp: 222069
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5

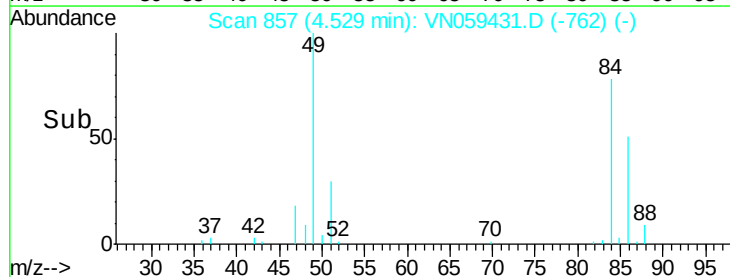
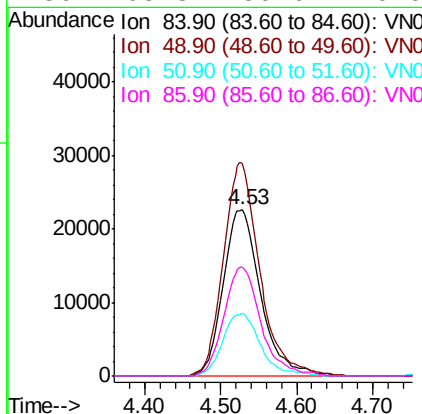
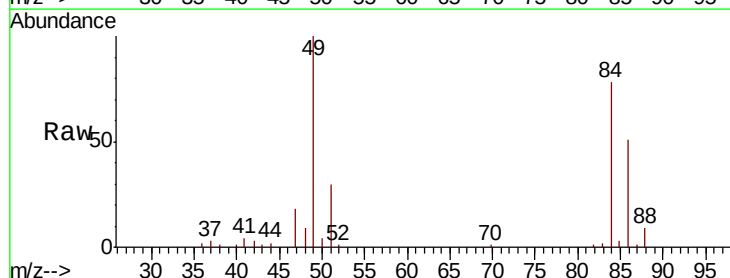
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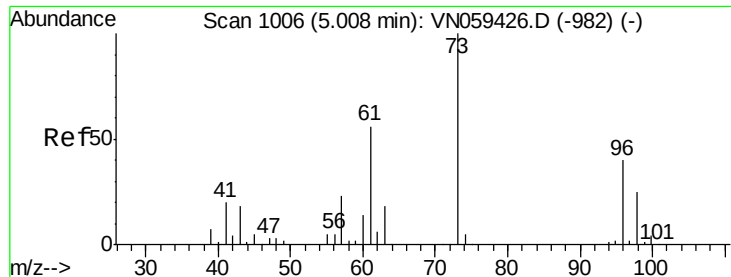
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#20
Methylene Chloride
Concen: 19.522 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion: 84 Resp: 77412
Ion Ratio Lower Upper
84 100
49 128.0 98.6 148.0
51 37.9 29.4 44.0
86 65.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.280 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.01 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

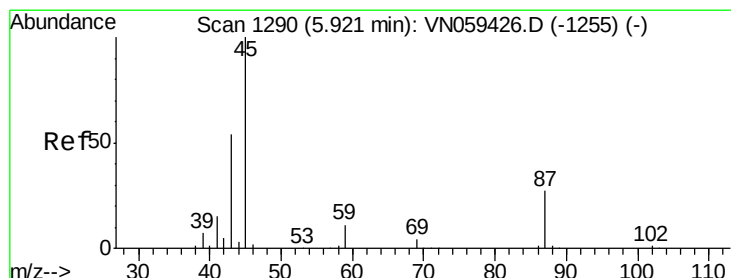
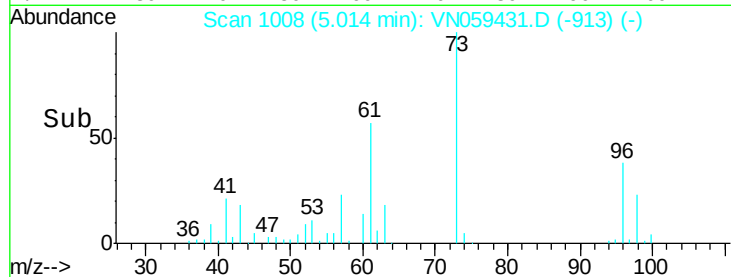
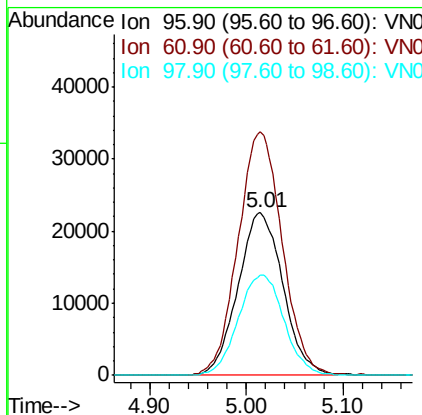
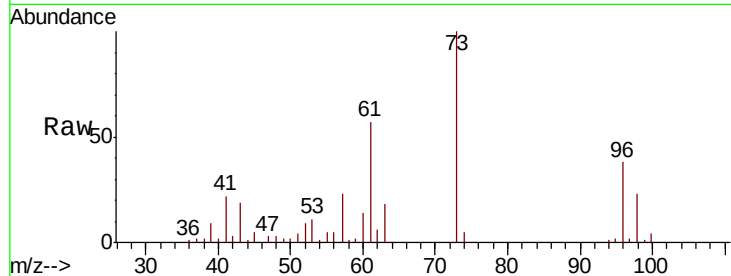
ClientSampleId :

VN1127WBSD01

Tot Ion:	96	Resp:	72911
Ion	Ratio	Lower	Upper
96	100		
61	149.7	114.0	171.0
98	61.7	50.5	75.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.174 ug/l

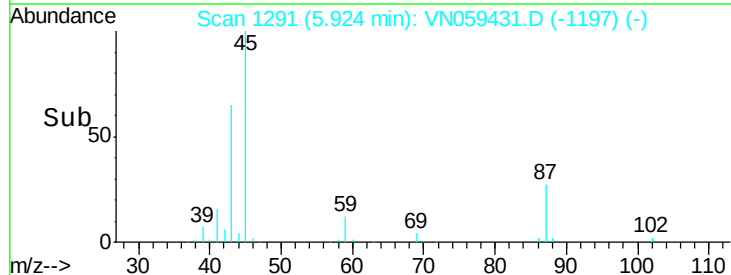
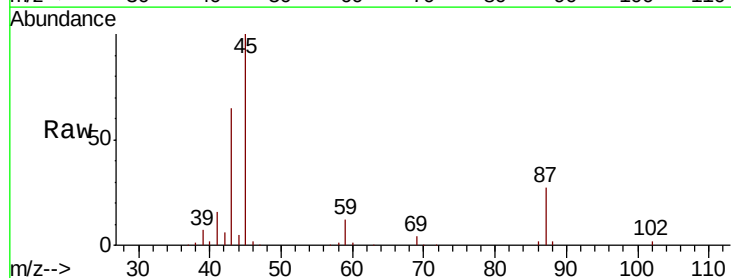
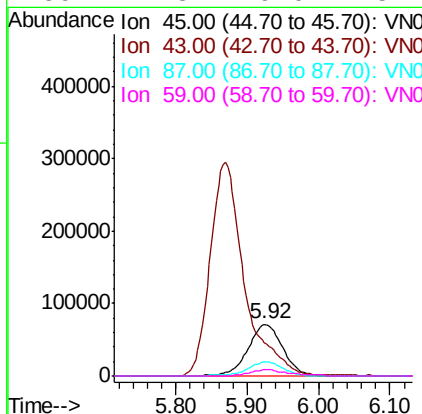
RT: 5.92 min Scan# 1291

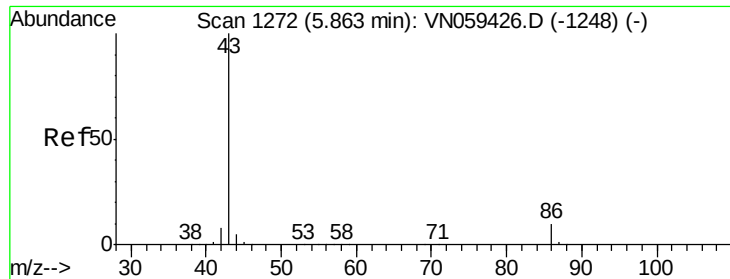
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	45	Resp:	241333
Ion	Ratio	Lower	Upper
45	100		
43	63.1	46.3	69.5
87	27.2	21.8	32.6
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 101.992 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

VN1127WBSD01

Tot Ion: 43 Resp: 984327

Ion Ratio Lower Upper

43 100

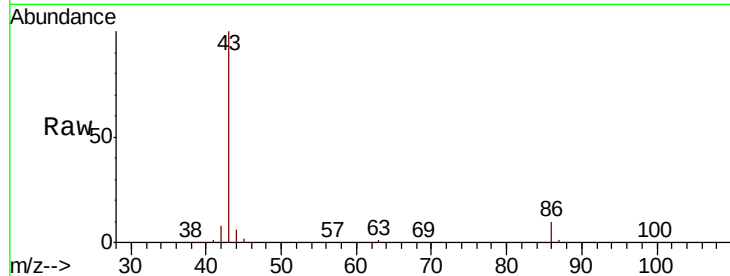
86 10.0 8.2 12.4

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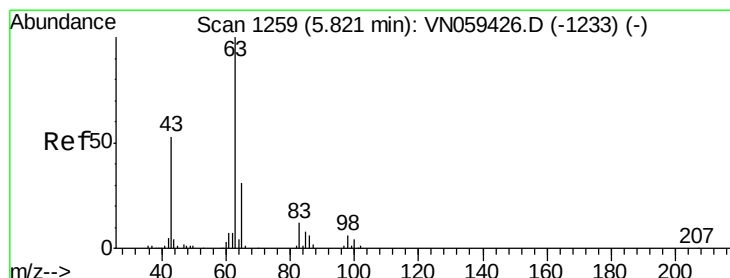
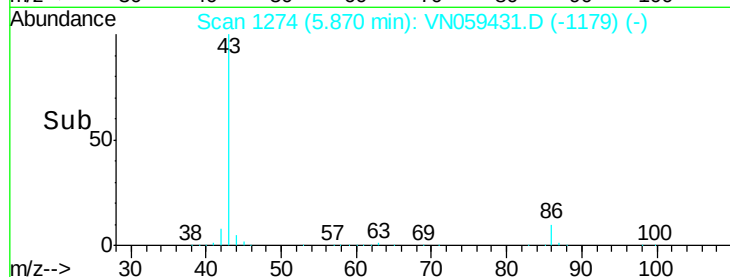
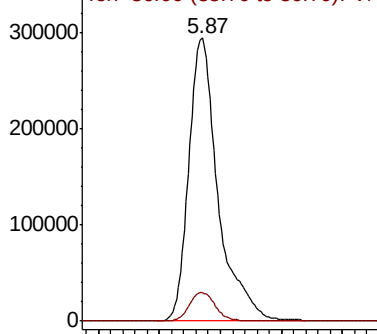
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.872 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

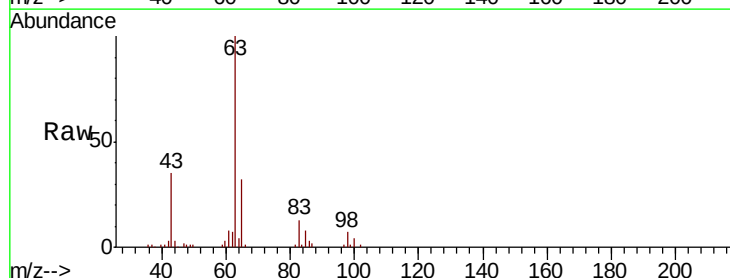
Tgt Ion: 63 Resp: 136777

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

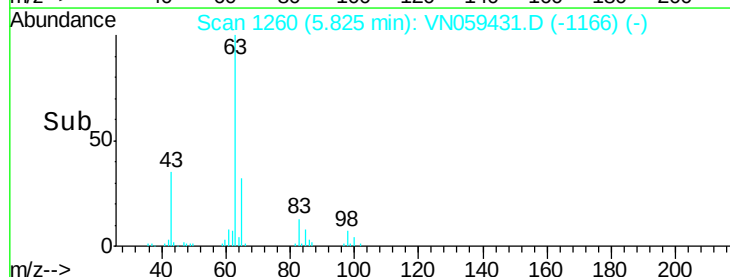
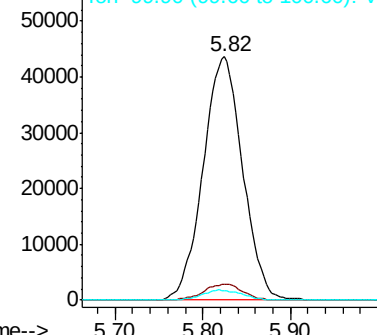
100 3.7 2.1 6.3

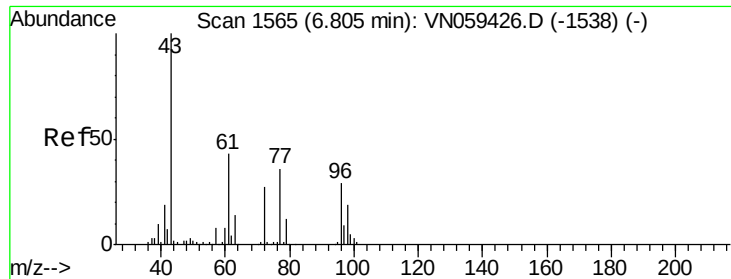


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 106.369 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 43 Resp: 285568

Ion Ratio Lower Upper

43 100

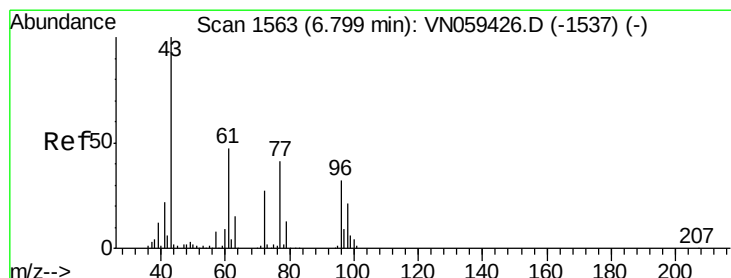
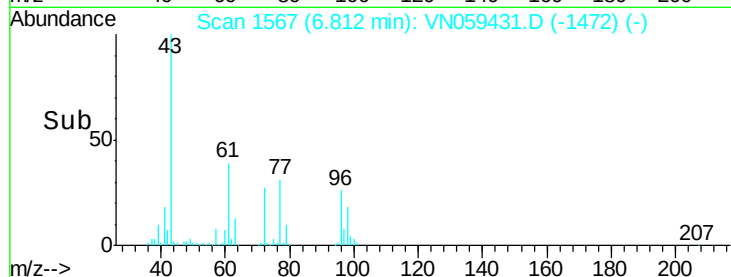
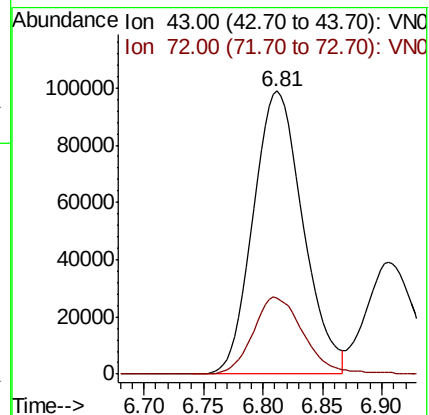
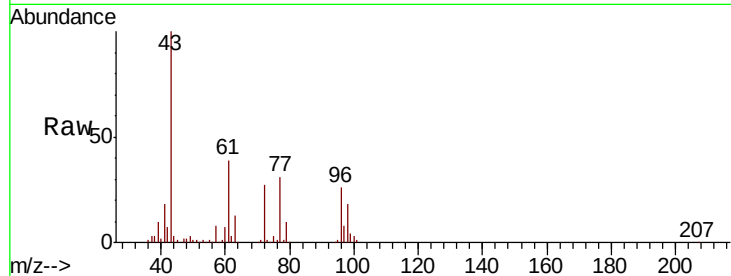
72 27.1 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 19.688 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059431.D

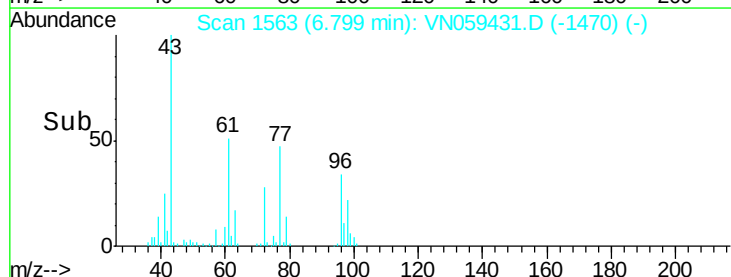
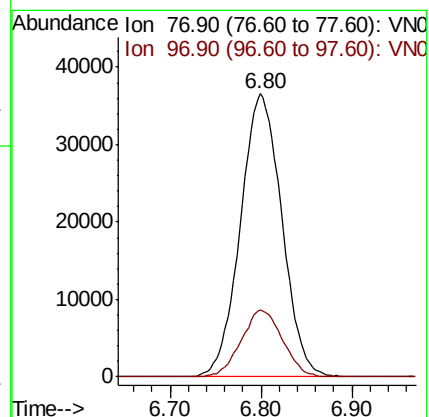
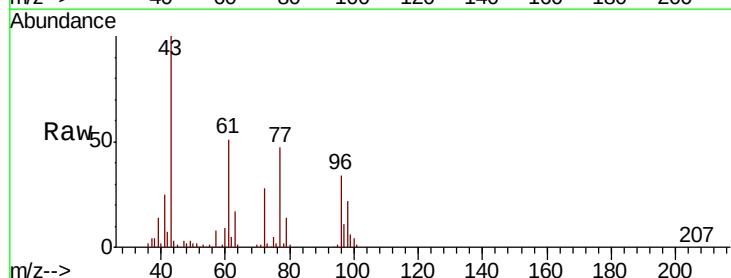
Acq: 27 Nov 2019 19:10

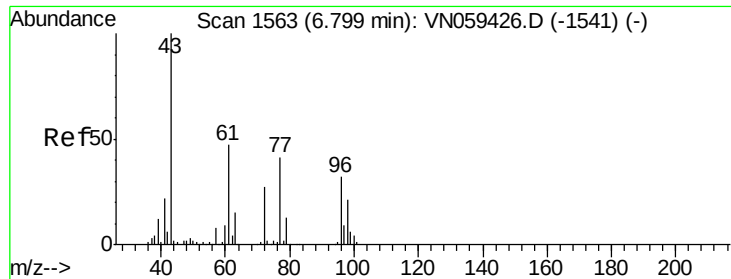
Tgt Ion: 77 Resp: 115324

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.470 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

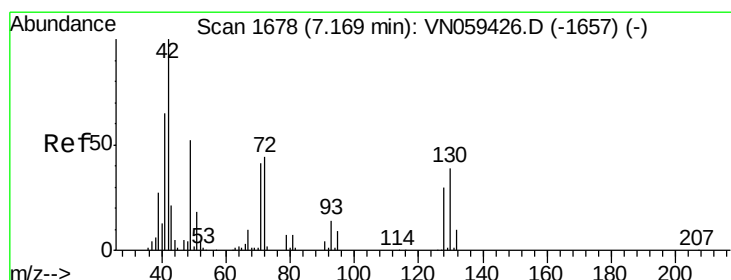
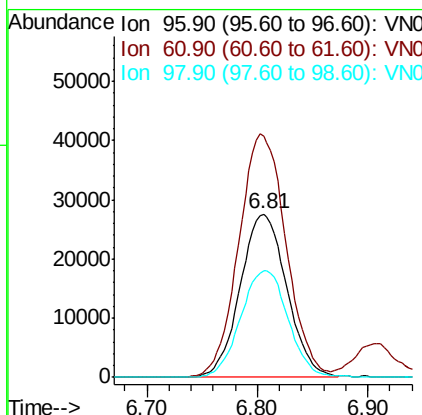
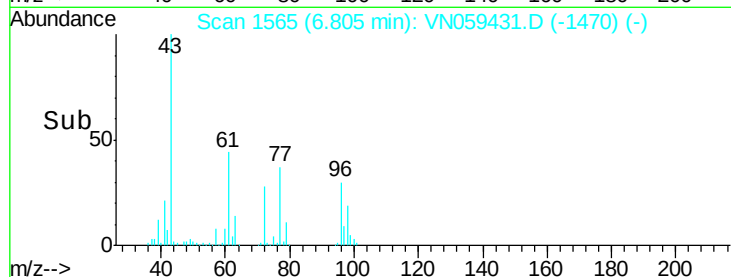
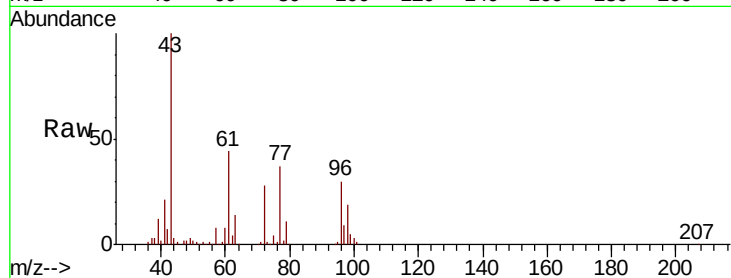
ClientSampleId :

VN1127WBSD01

Tot Ion:	96	Resp:	80526
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	297.6
98	66.8	0.0	130.8

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#28

Bromochloromethane

Concen: 18.992 ug/l

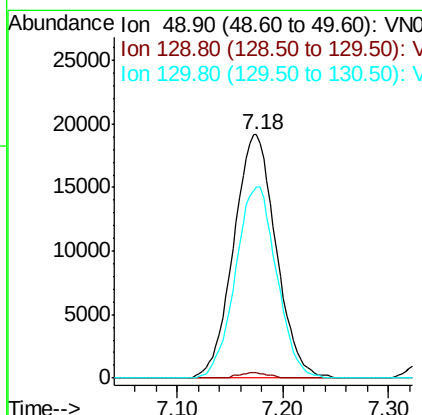
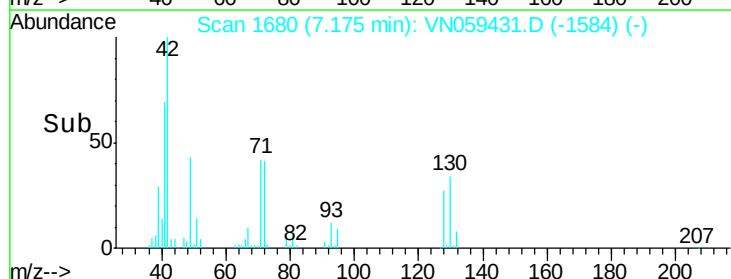
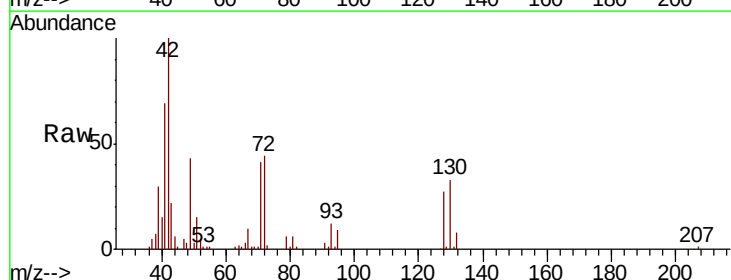
RT: 7.18 min Scan# 1680

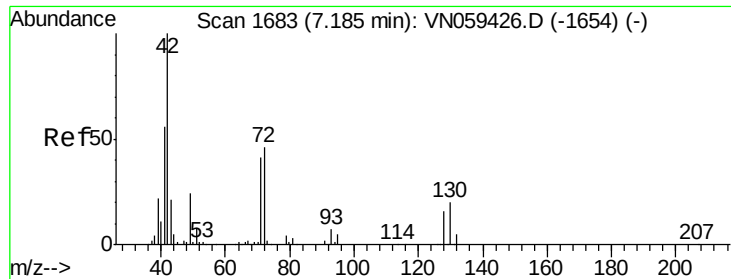
Delta R.T. 0.01 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	49	Resp:	53517
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	76.3	60.5	90.7





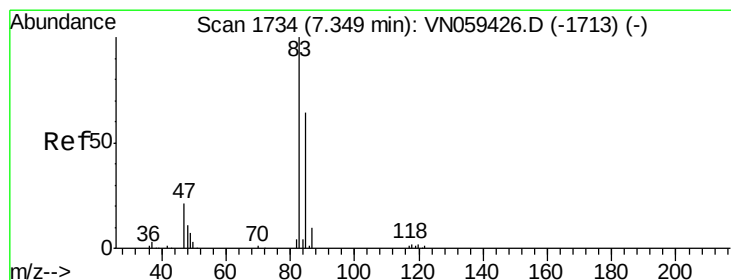
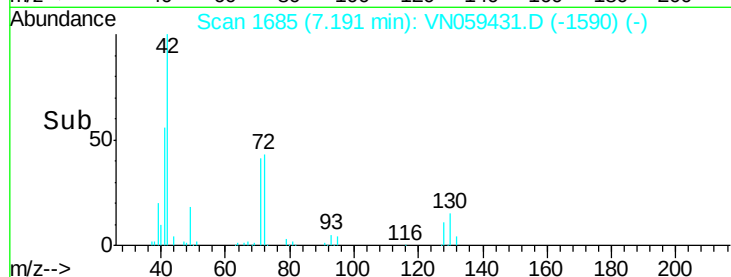
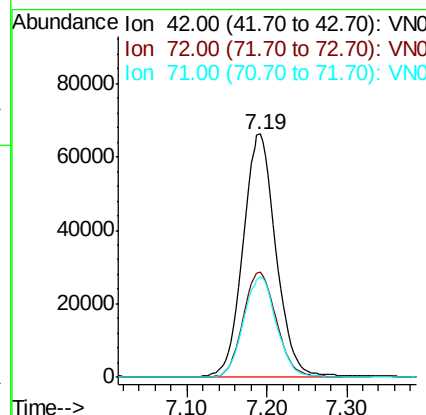
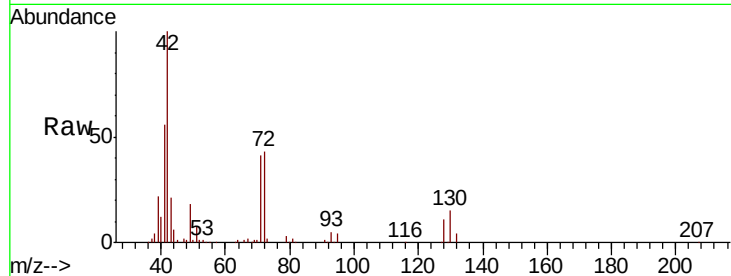
#29
Tetrahydrofuran
Concen: 103.658 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.6	51.8
71	41.2	33.0	49.6

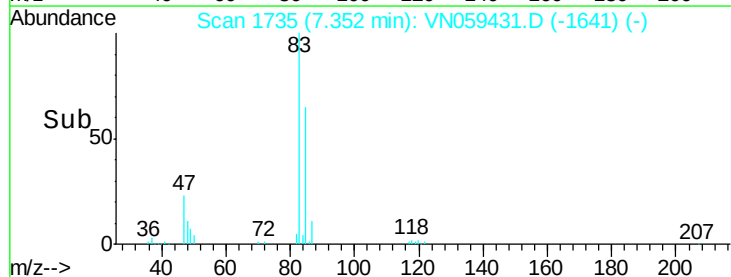
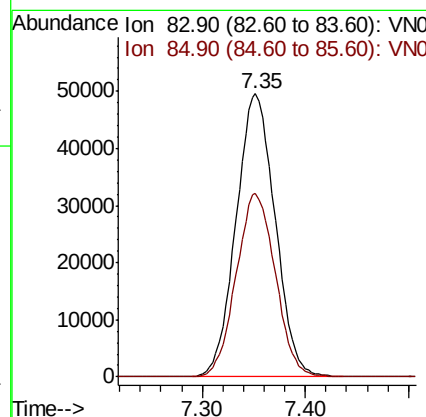
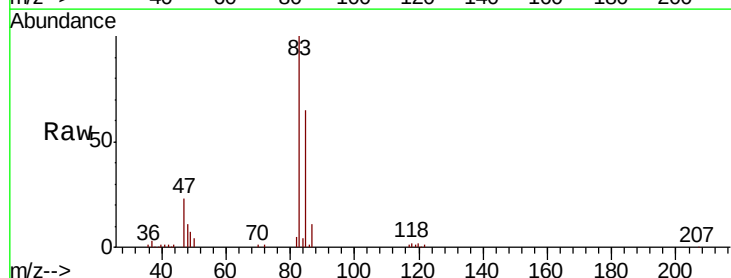
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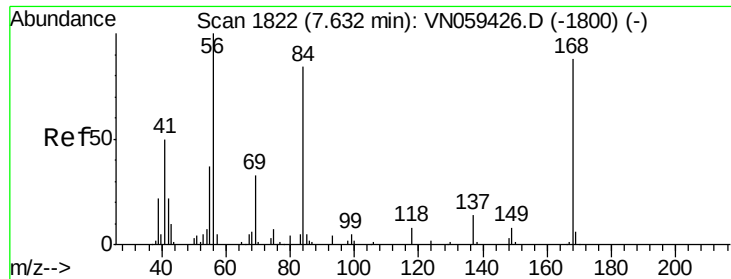
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#30
Chloroform
Concen: 18.859 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





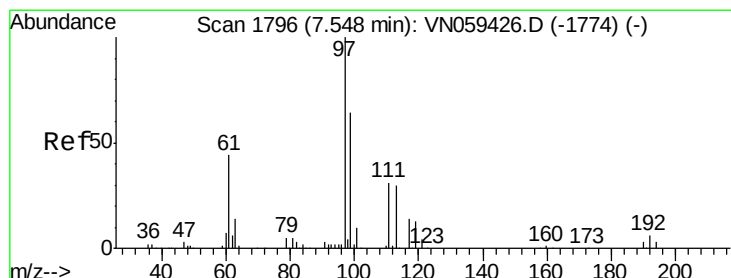
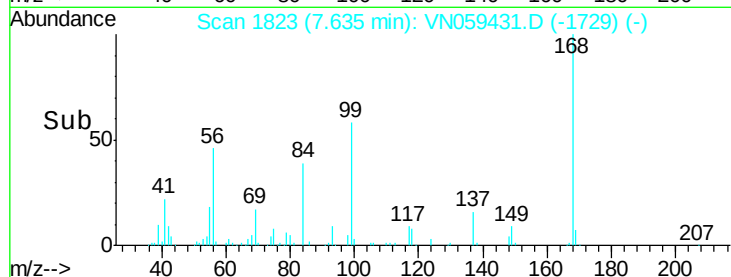
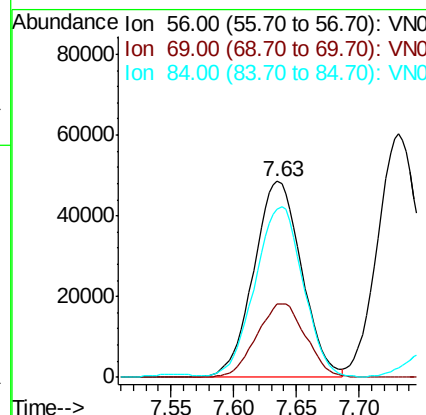
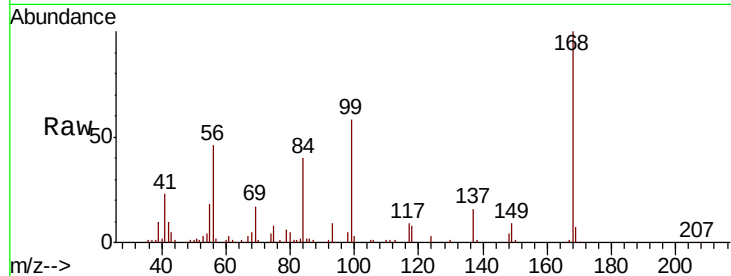
#31
Cyclohexane
Concen: 18.736 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	26.4	39.6
84	85.1	67.0	100.6

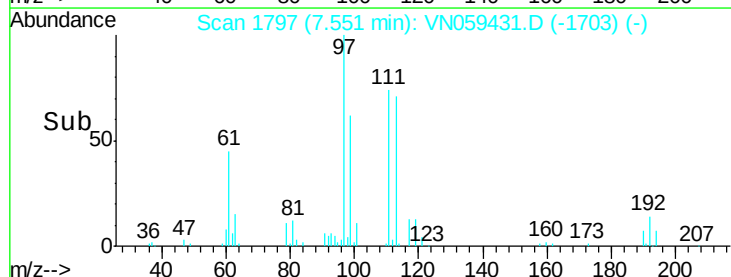
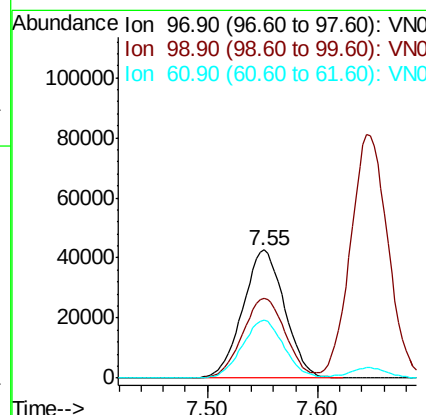
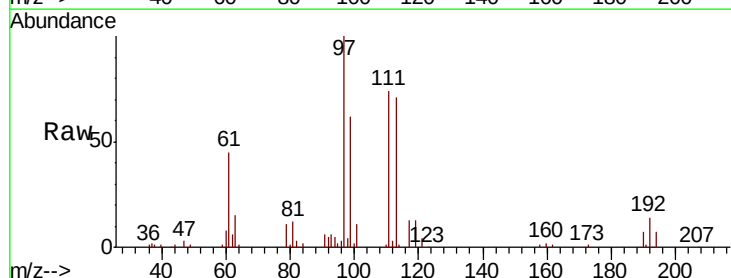
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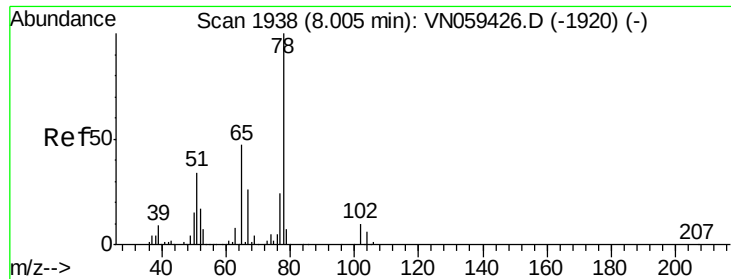
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#32
1,1,1-Trichloroethane
Concen: 19.834 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.9	76.3
61	44.9	34.3	51.5





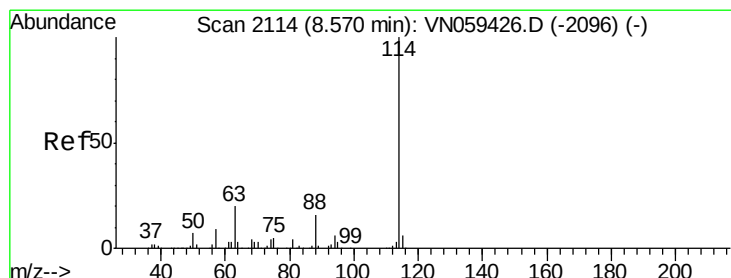
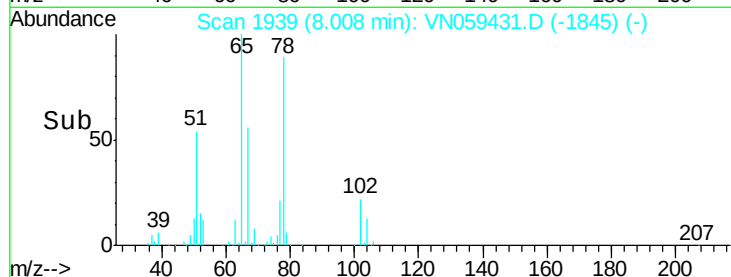
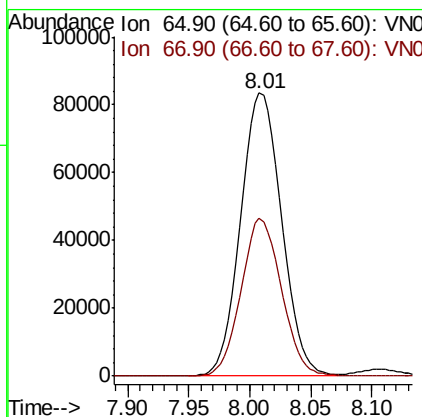
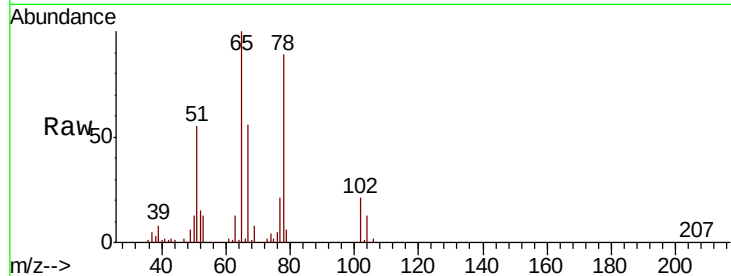
#33
 1,2-Dichloroethane-d4
 Concen: 47.513 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194632		
67	54.7	0.0	111.2	

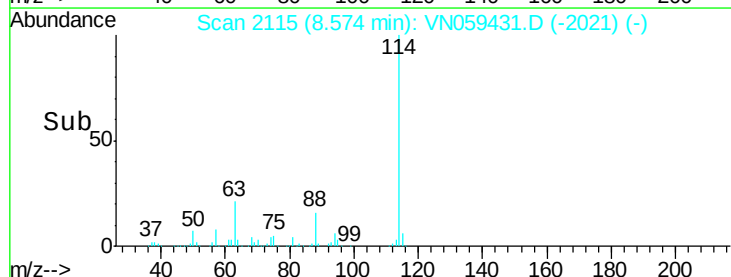
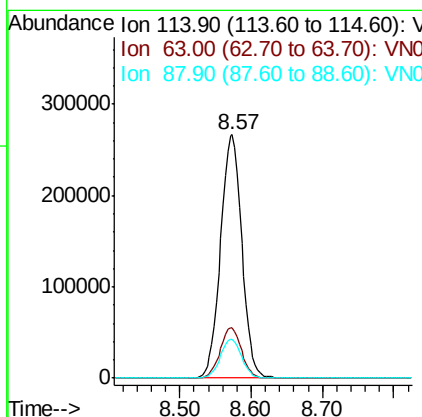
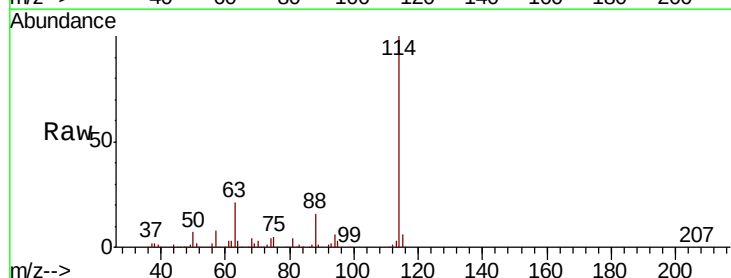
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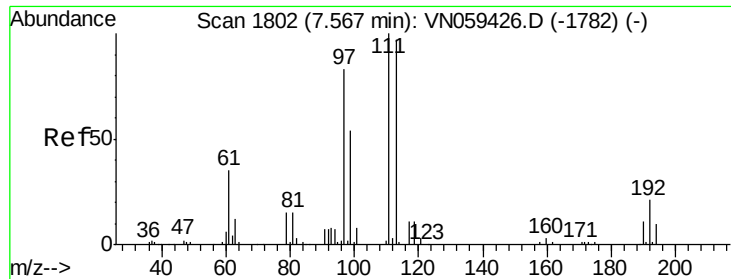
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	551071		
63	20.7	0.0	40.4	
88	15.7	0.0	32.2	





#35

Dibromofluoromethane

Concen: 47.636 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

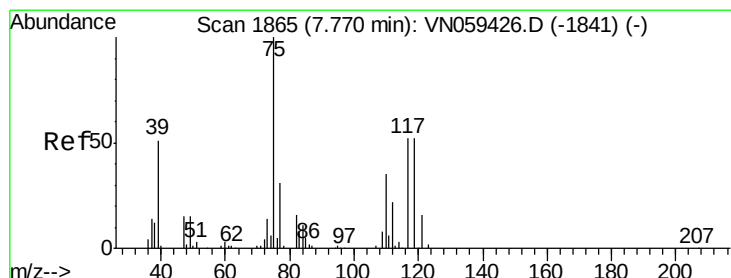
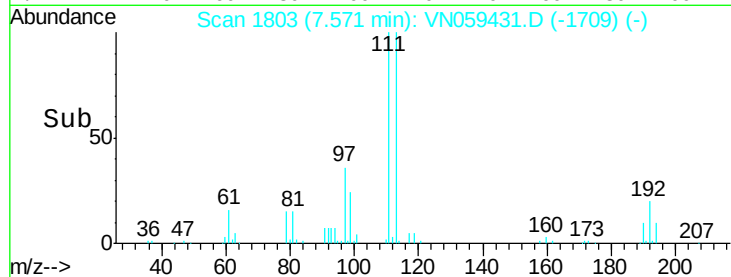
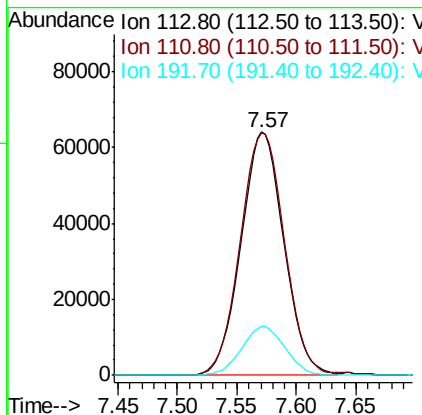
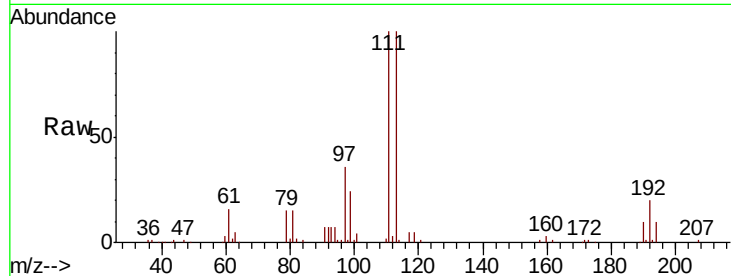
ClientSampleId :

VN1127WBSD01

Tot Ion:	113	Resp:	159900
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.9	122.9
192	20.4	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.506 ug/l

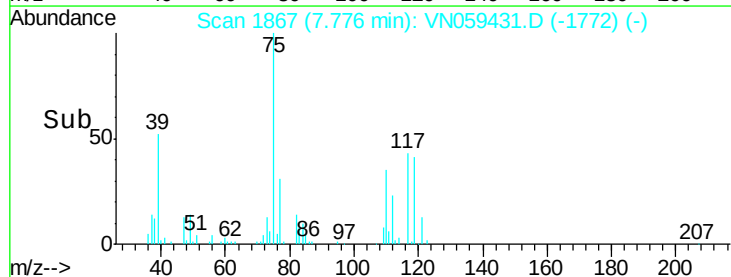
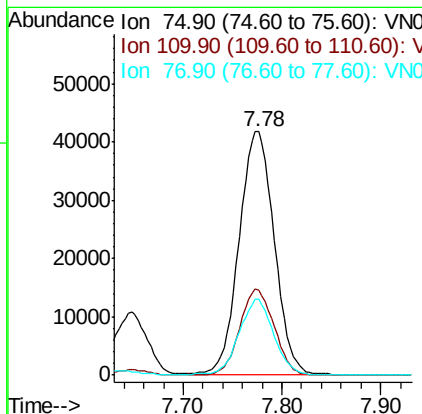
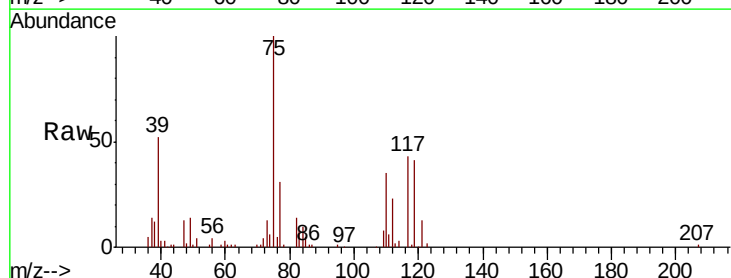
RT: 7.78 min Scan# 1867

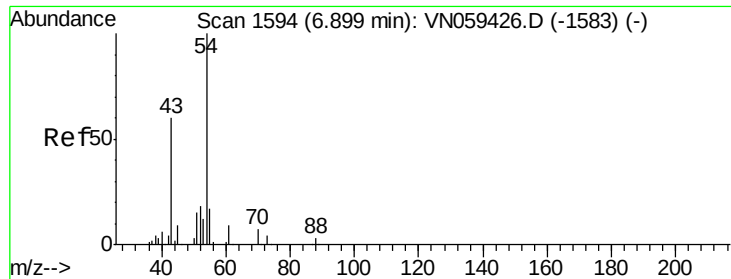
Delta R.T. 0.01 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	75	Resp:	103369
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.3	52.0
77	30.7	24.9	37.3





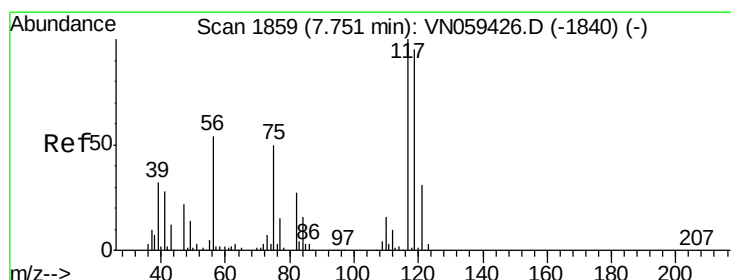
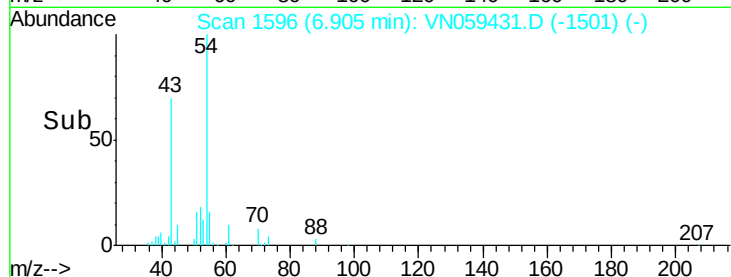
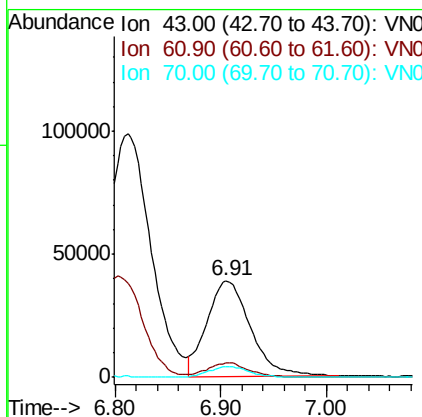
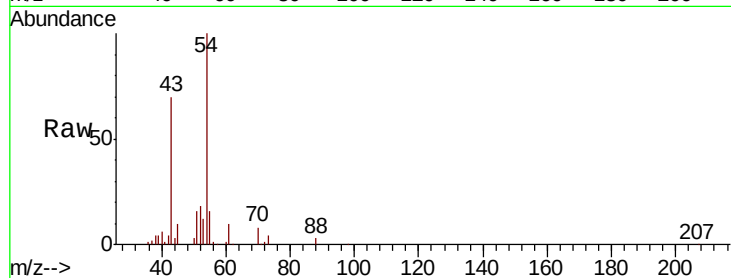
#37
Ethyl Acetate
Concen: 19.728 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.2
70	10.9	8.8	13.2

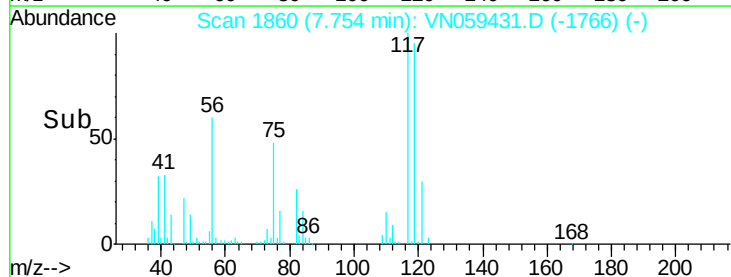
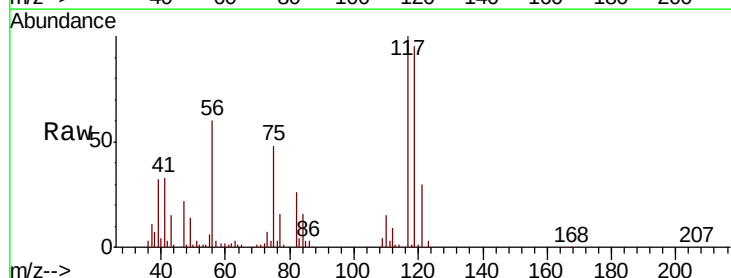
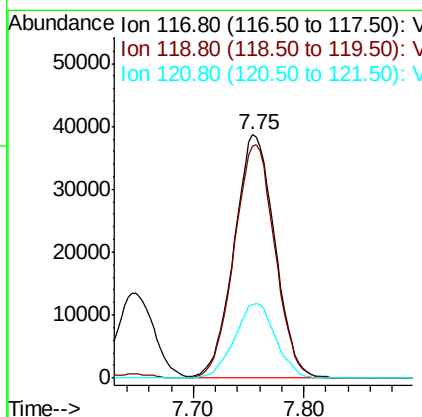
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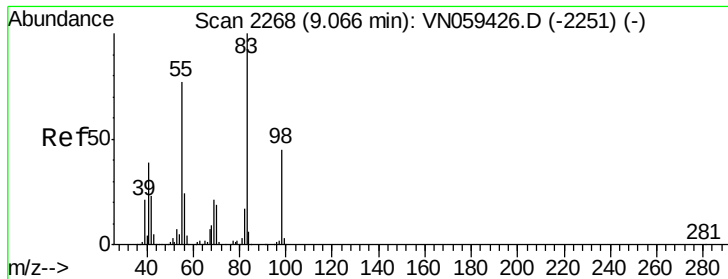
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#38
Carbon Tetrachloride
Concen: 19.782 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.9	113.9
121	30.4	24.6	36.8





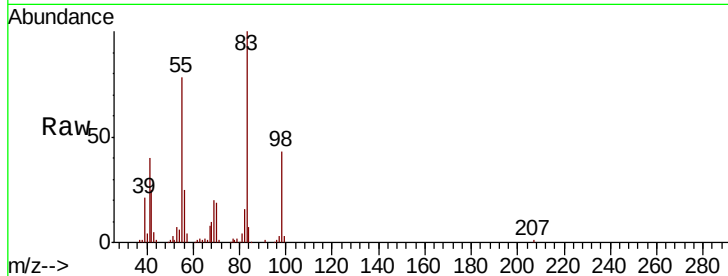
#39
Methylvlcyclohexane
Concen: 19.285 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

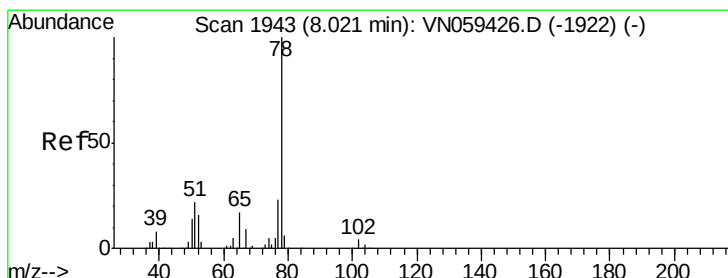
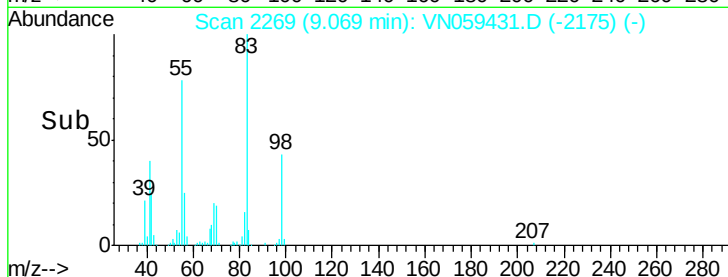
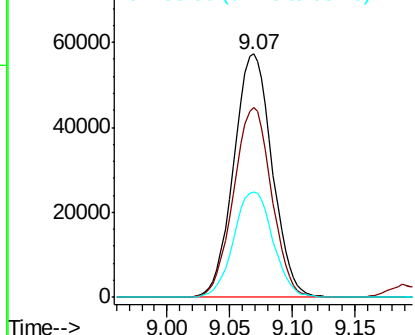
Tot Ion:	83	Resp:	122267
Ion Ratio	Lower	Upper	
83	100		
55	78.1	61.6	92.4
98	43.3	35.7	53.5

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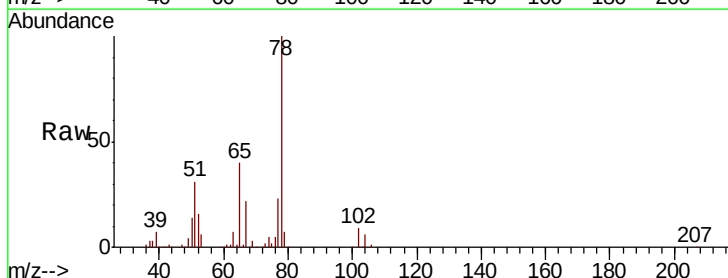


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

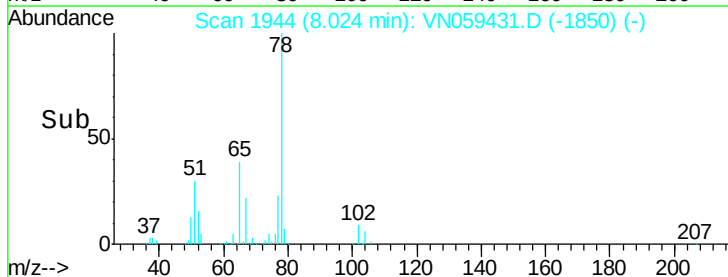
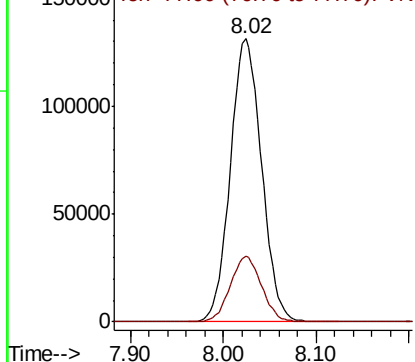


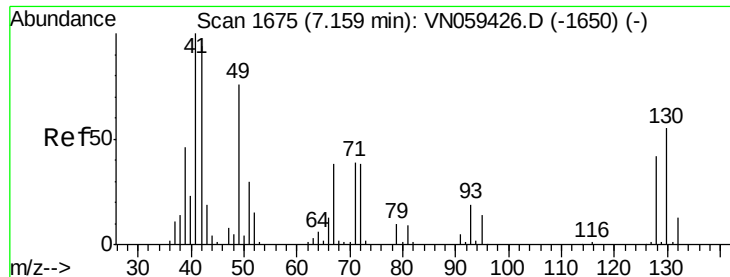
#40
Benzene
Concen: 19.535 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion:	78	Resp:	307380
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.3	27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 18.659 ug/l m

RT: 7.16 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 41 Resp: 48714

Ion Ratio Lower Upper

41 100

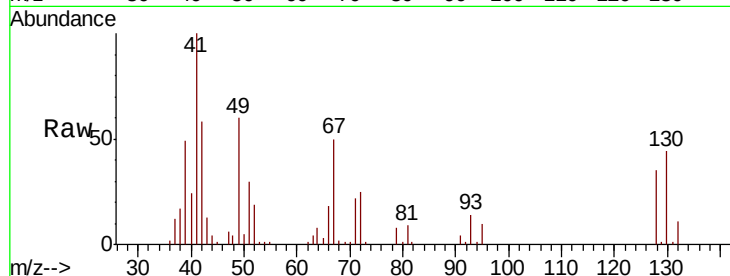
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

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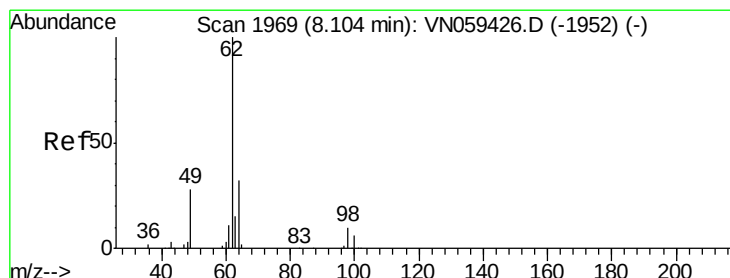
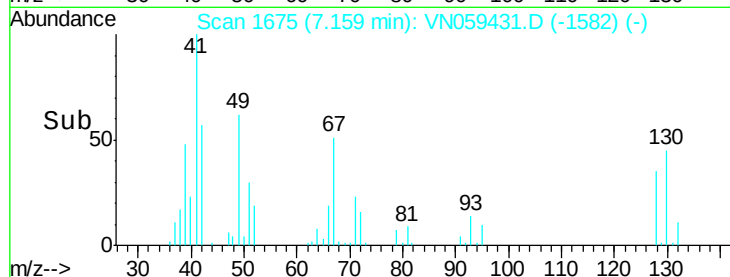
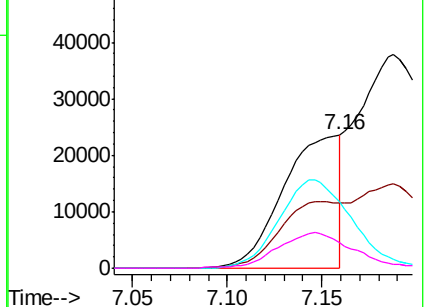


Abundance Ion 41.00 (40.70 to 41.70): VN059426.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN059426.D (-1650) (-)

Ion 67.00 (66.70 to 67.70): VN059426.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN059426.D (-1650) (-)



#42

1,2-Dichloroethane

Concen: 19.978 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VN059431.D

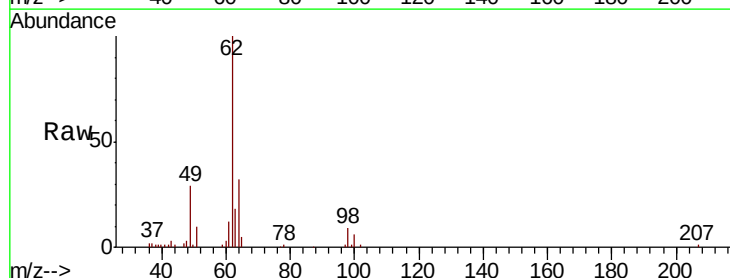
Acq: 27 Nov 2019 19:10

Tgt Ion: 62 Resp: 99676

Ion Ratio Lower Upper

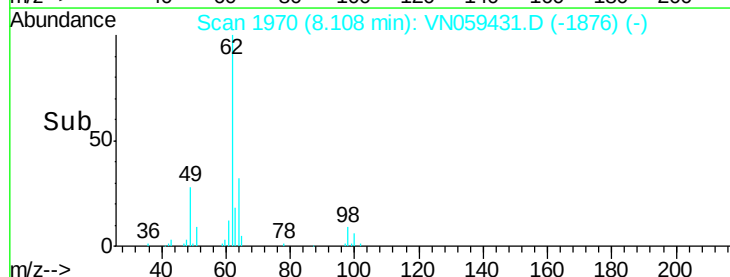
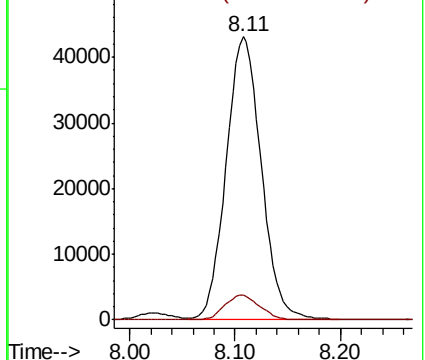
62 100

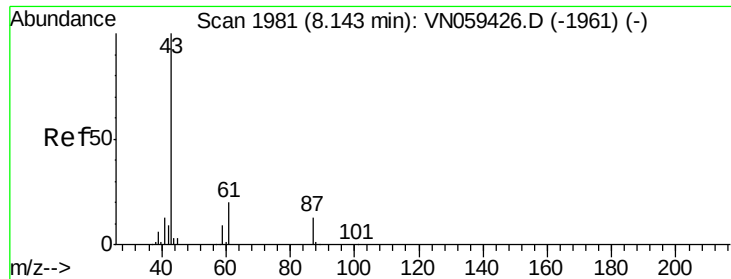
98 8.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN059426.D (-1952) (-)

Ion 97.90 (97.60 to 98.60): VN059426.D (-1952) (-)





#43

Isopropyl Acetate

Concen: 19.839 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

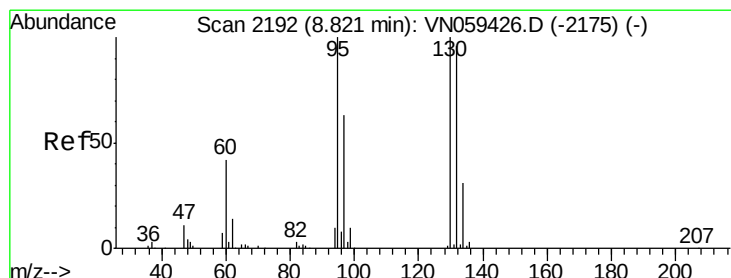
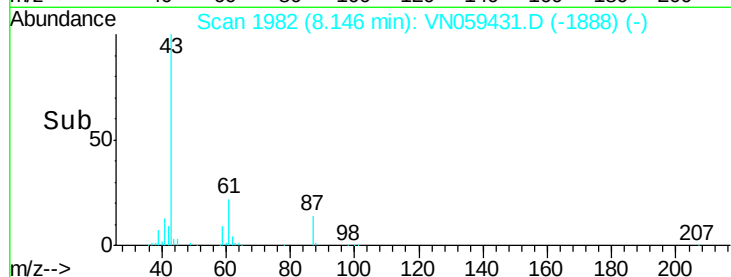
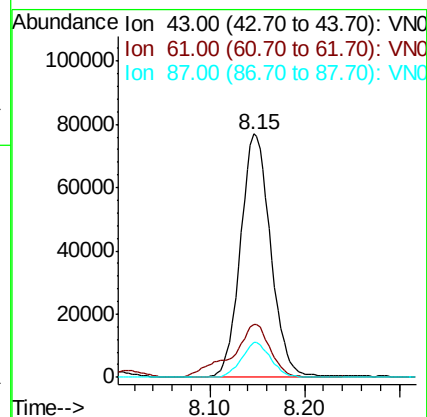
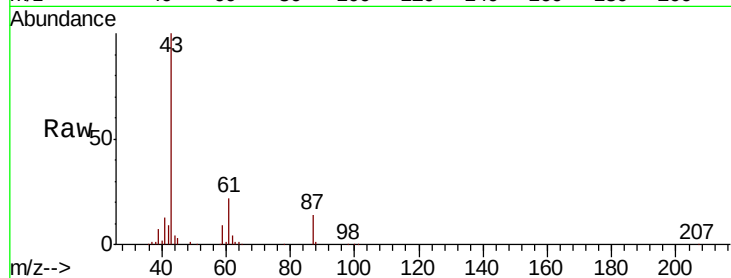
ClientSampleId :

VN1127WBSD01

Tot Ion:	43	Resp:	168984
Ion	Ratio	Lower	Upper
43	100		
61	27.7	22.2	33.2
87	13.8	10.7	16.1

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#44

Trichloroethene

Concen: 19.408 ug/l

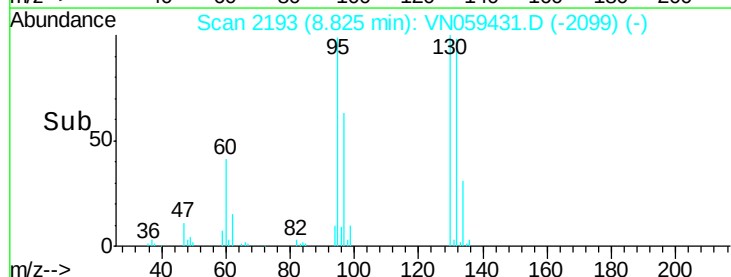
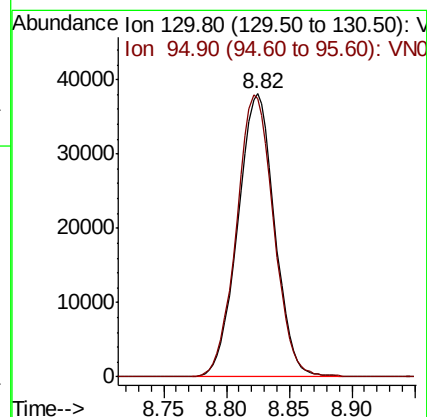
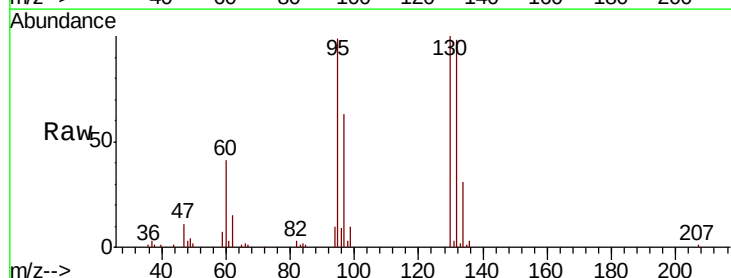
RT: 8.82 min Scan# 2193

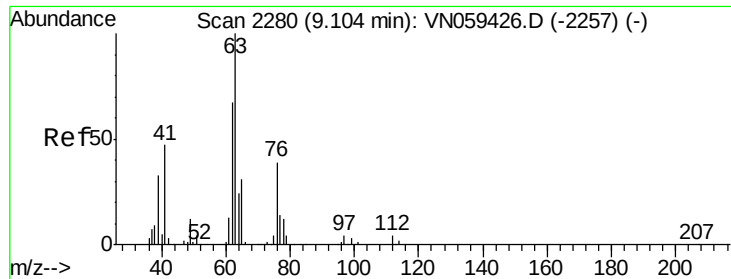
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	130	Resp:	77865
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	199.6





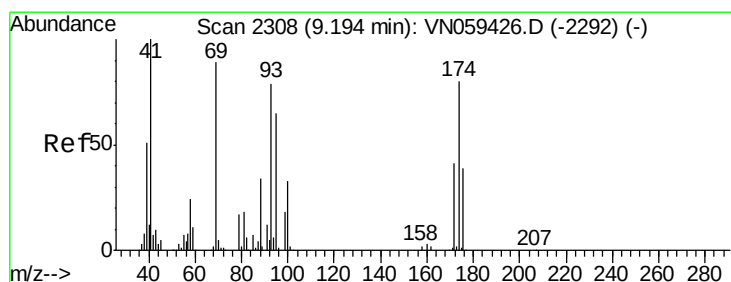
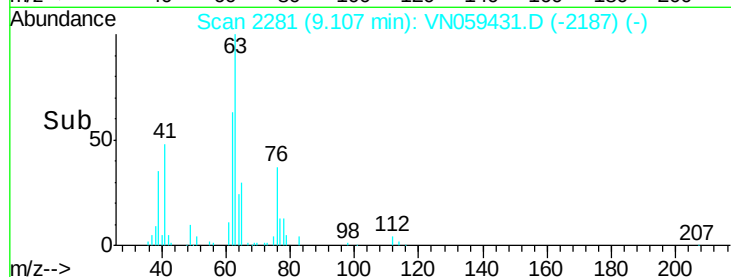
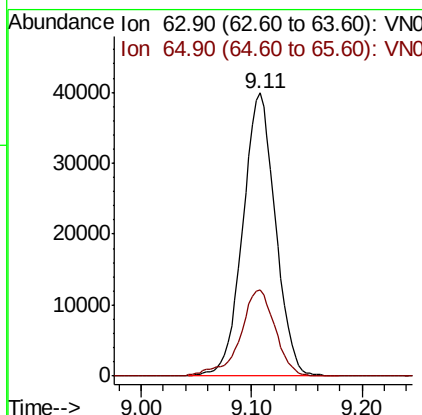
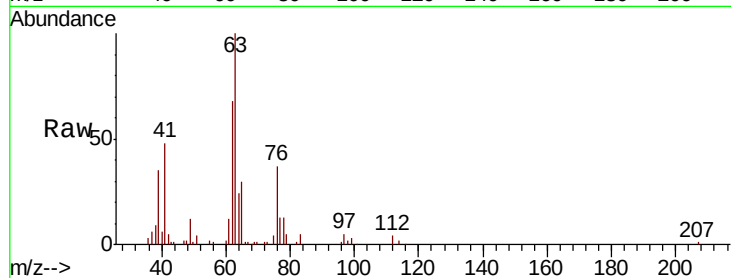
#45
 1,2-Dichloropropane
 Concen: 19.827 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion: 63 Resp: 81602
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8

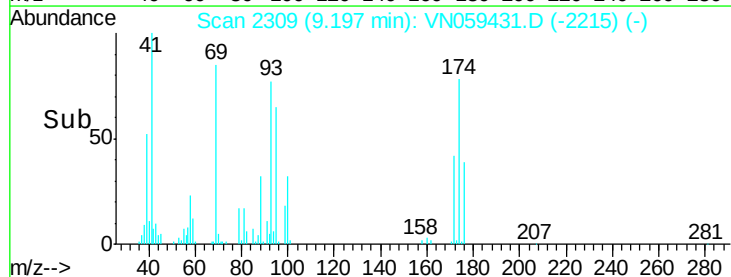
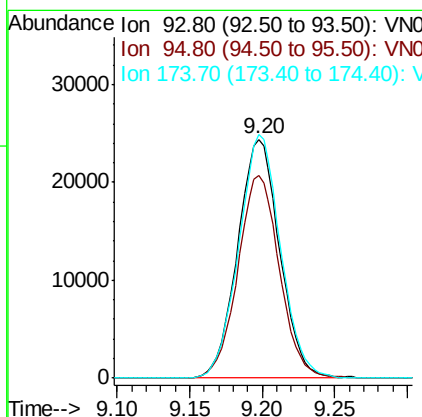
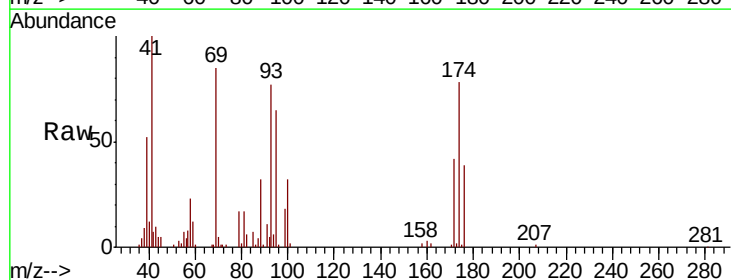
Manual Integrations
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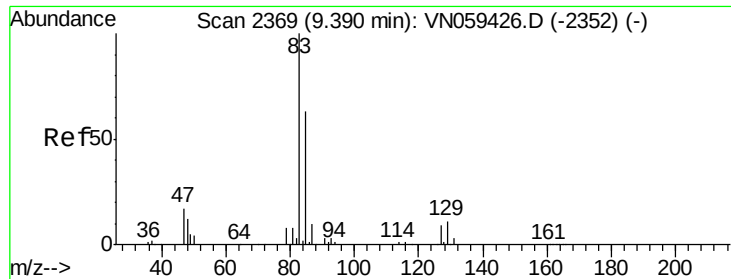
apatel
 12/2/2019 10:09:16 AM



#46
 Dibromomethane
 Concen: 19.329 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion: 93 Resp: 49091
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 101.6 81.8 122.8





#47

Bromodichloromethane

Concen: 19.502 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

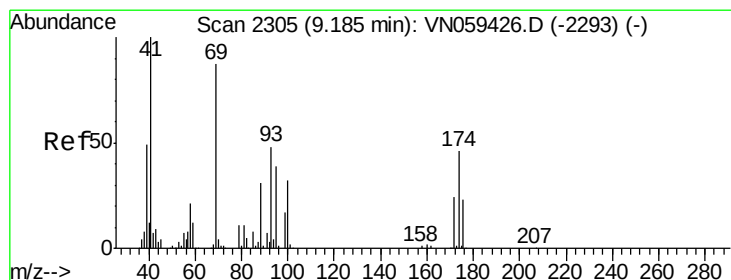
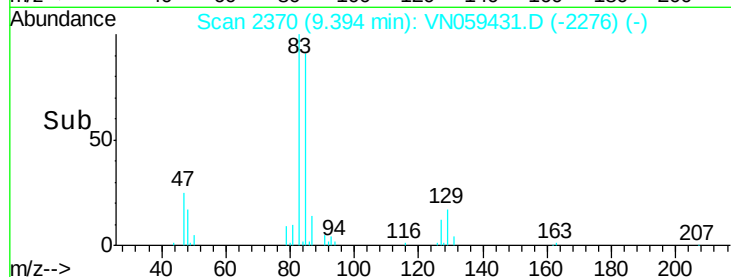
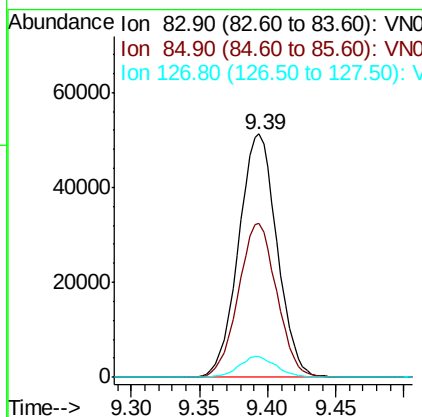
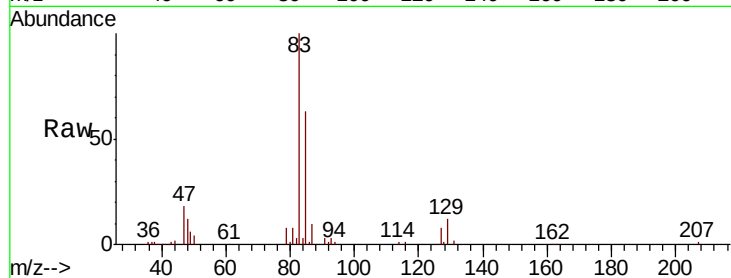
ClientSampleId :

VN1127WBSD01

Tot Ion:	83	Resp:	100180
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.6	75.8
127	8.4	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.932 ug/l

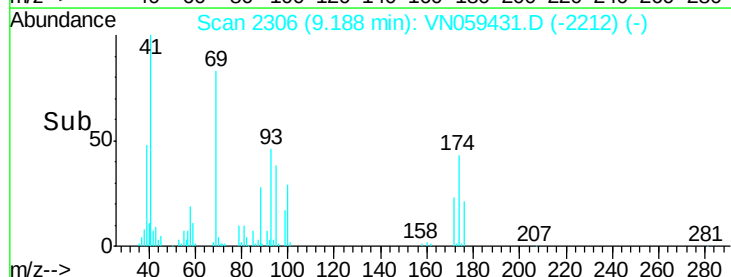
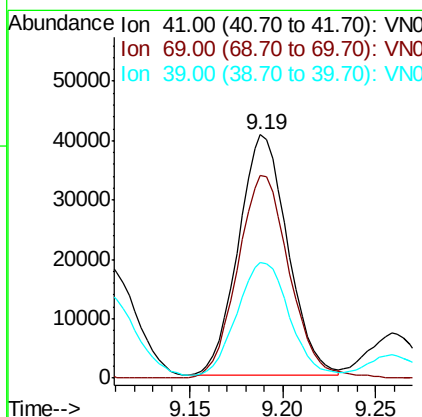
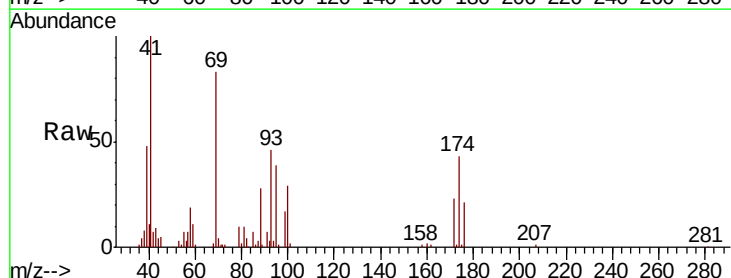
RT: 9.19 min Scan# 2306

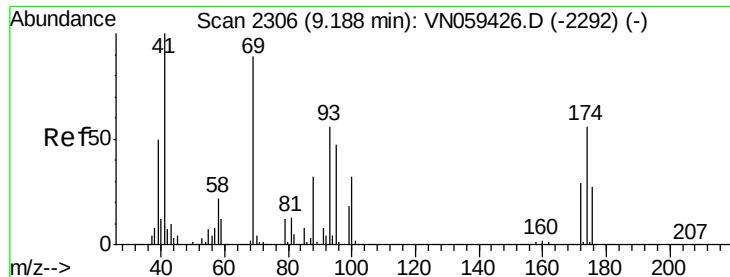
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	41	Resp:	75320
Ion Ratio	Lower	Upper	
41	100		
69	88.3	71.6	107.4
39	52.0	41.3	61.9





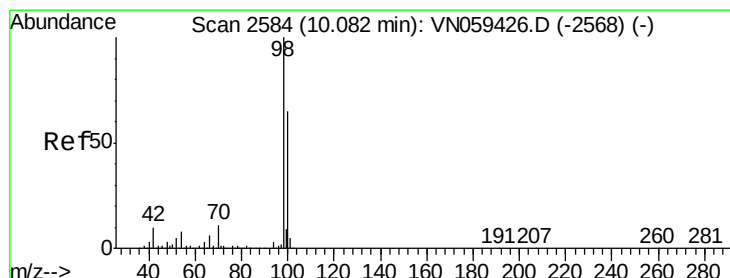
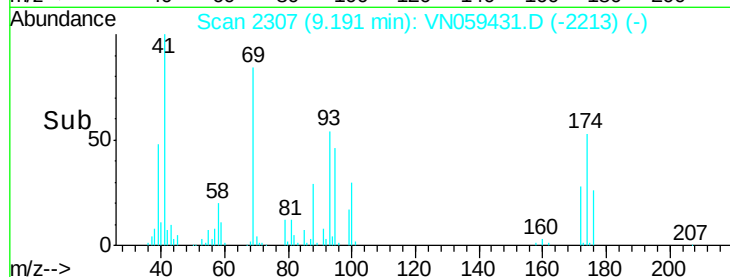
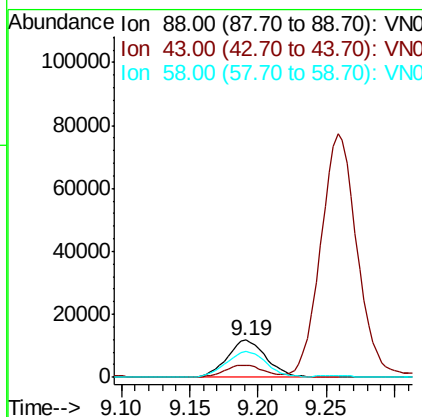
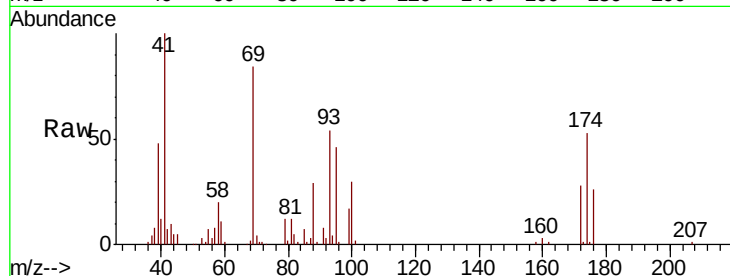
#49
1,4-Dioxane
Concen: 429.618 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

Tot Ion	88	Resp	23711
Ion Ratio	Lower	Upper	
88	100		
43	32.7	23.7	35.5
58	71.0	56.3	84.5

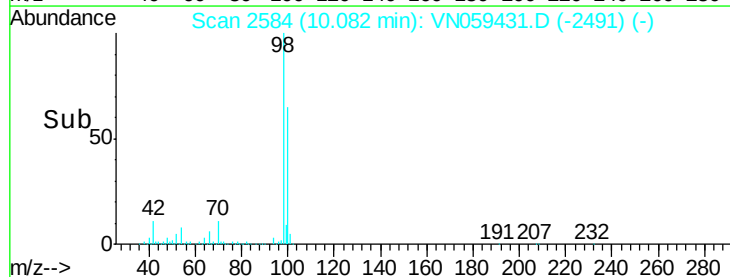
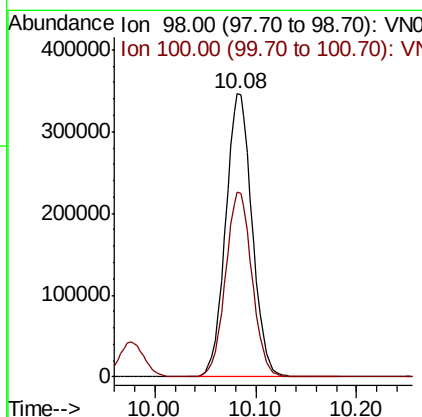
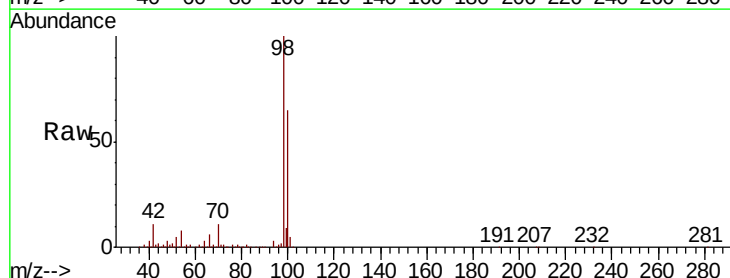
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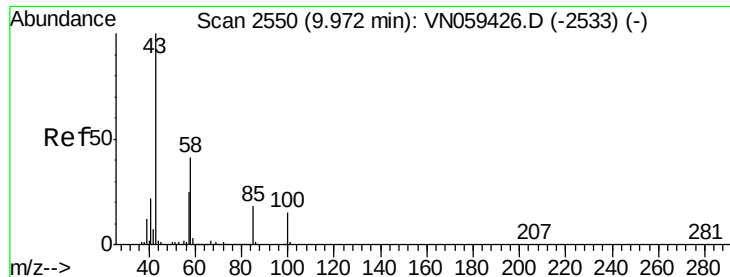
apatel
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#50
Toluene-d8
Concen: 47.285 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	98	Resp	632426
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 106.449 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 43 Resp: 525917

Ion Ratio Lower Upper

43 100

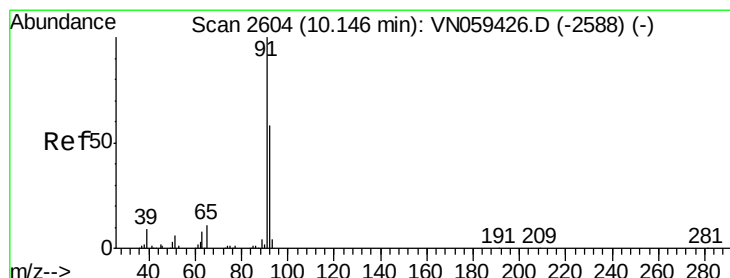
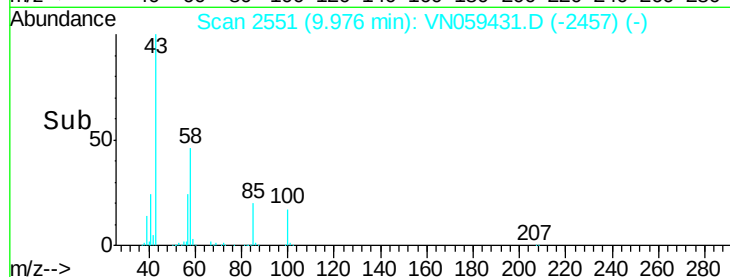
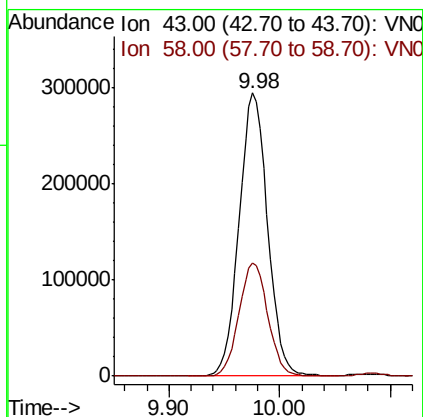
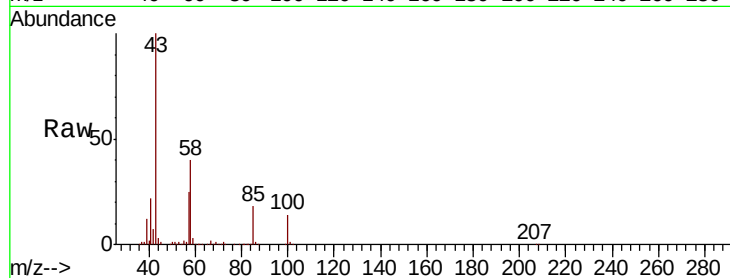
58 40.6 32.5 48.7

Manual Integrations

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#52

Toluene

Concen: 19.608 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN059431.D

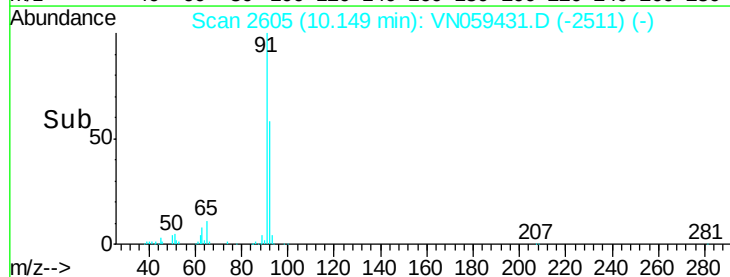
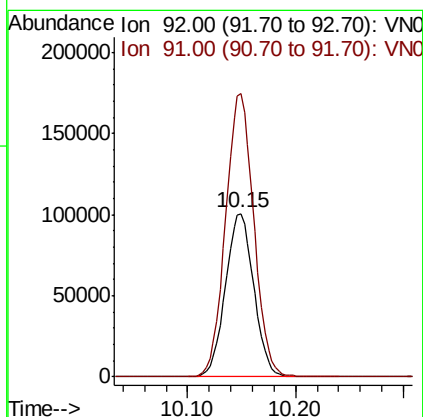
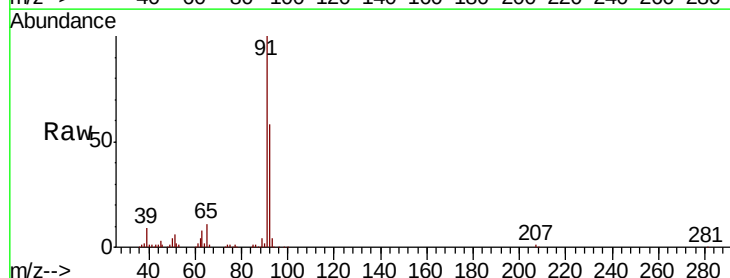
Acq: 27 Nov 2019 19:10

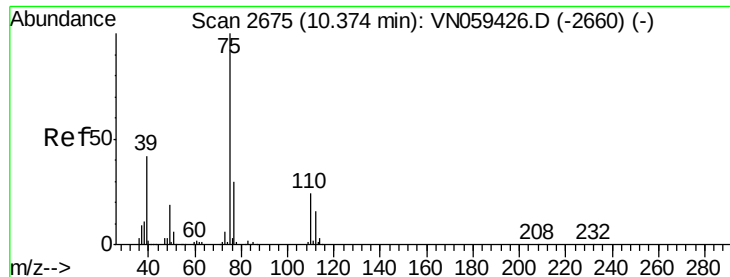
Tgt Ion: 92 Resp: 184319

Ion Ratio Lower Upper

92 100

91 173.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.471 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

VN1127WBSD01

Tot Ion: 75 Resp: 114934

Ion Ratio Lower Upper

75 100

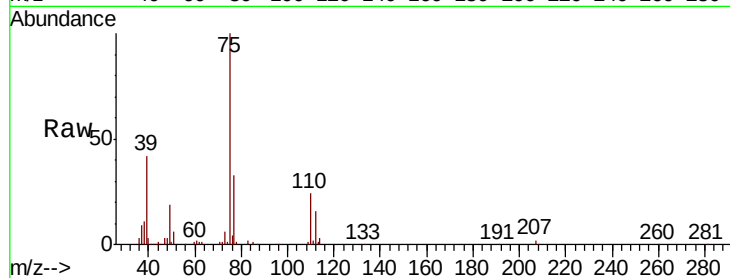
77 32.2 25.5 38.3

Manual Integrations

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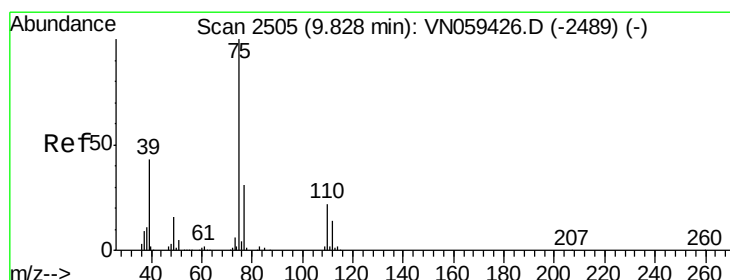
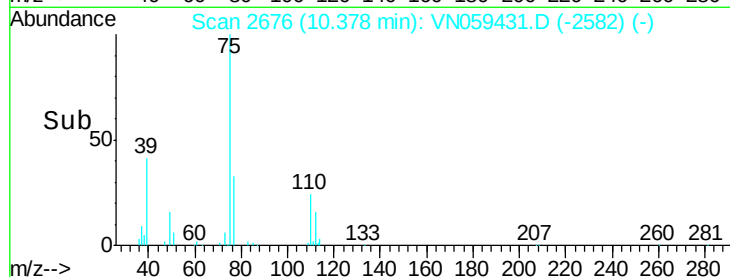
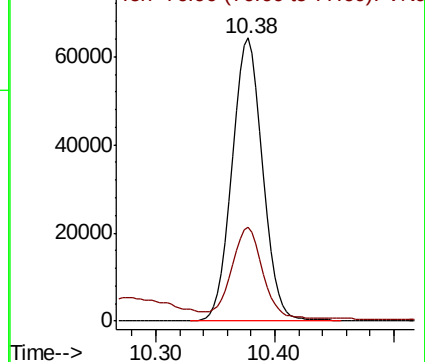
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.546 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

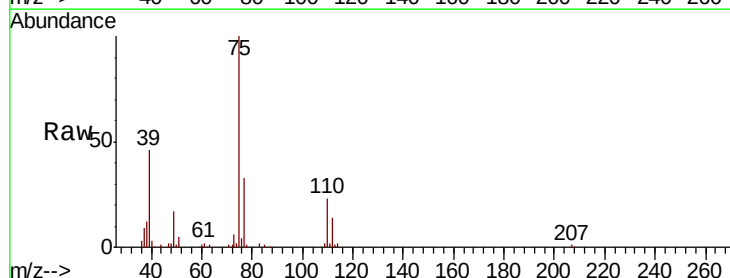
Tgt Ion: 75 Resp: 124545

Ion Ratio Lower Upper

75 100

77 33.4 25.1 37.7

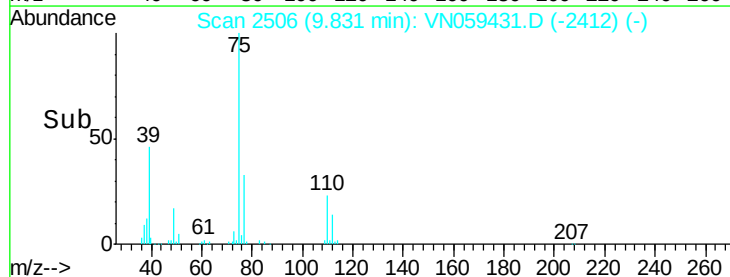
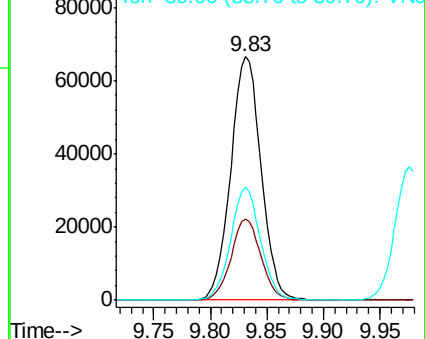
39 46.3 34.0 51.0

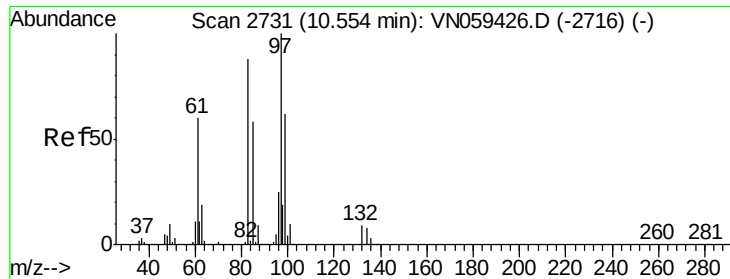


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





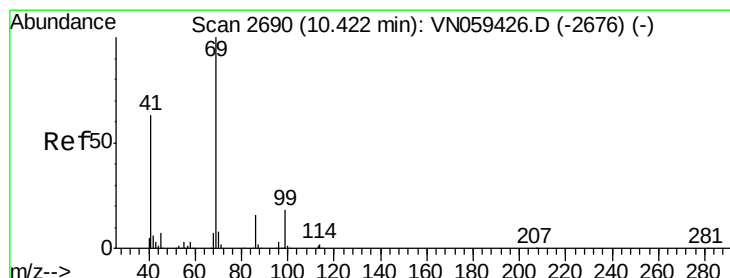
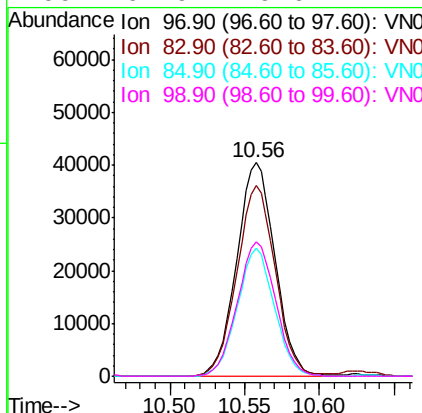
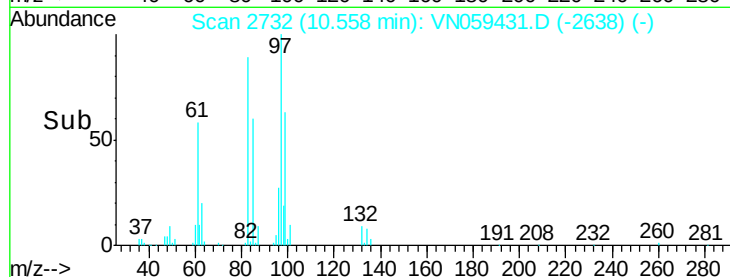
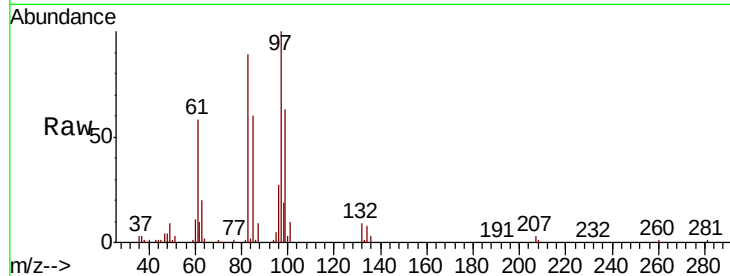
#55
 1,1,2-Trichloroethane
 Concen: 19.601 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	89.5	70.7	106.1	
85	59.8	46.4	69.6	
99	62.9	49.6	74.4	

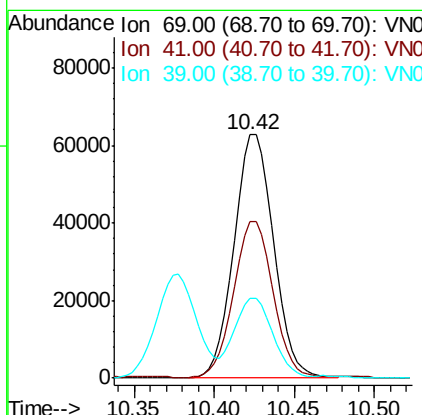
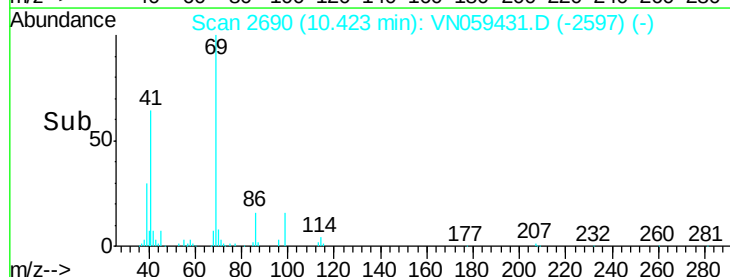
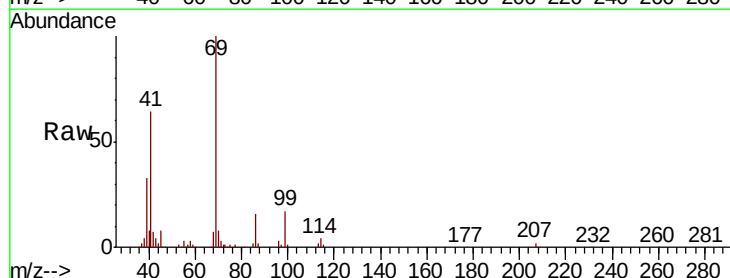
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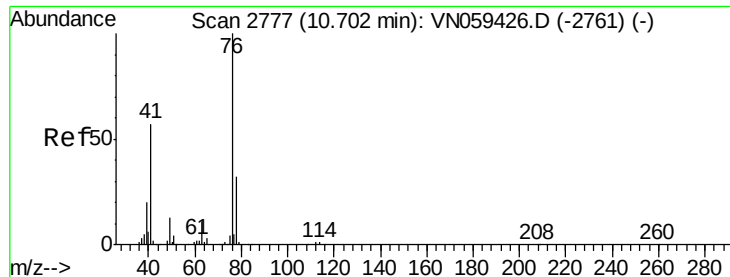
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#56
 Ethyl methacrylate
 Concen: 21.214 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	63.5	50.1	75.1	
39	31.4	23.9	35.9	





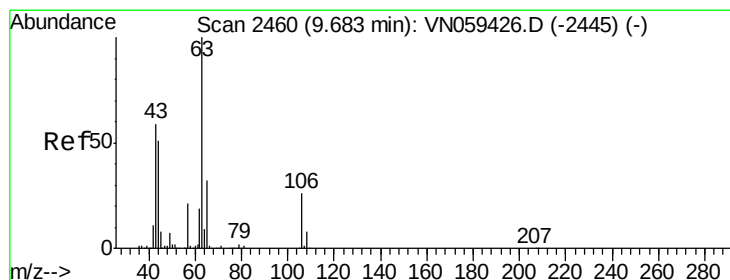
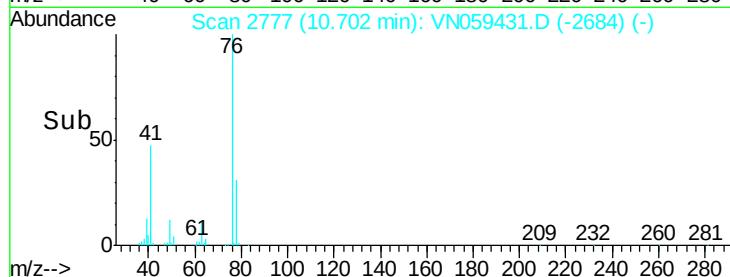
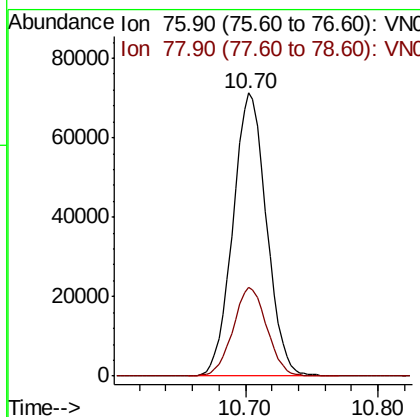
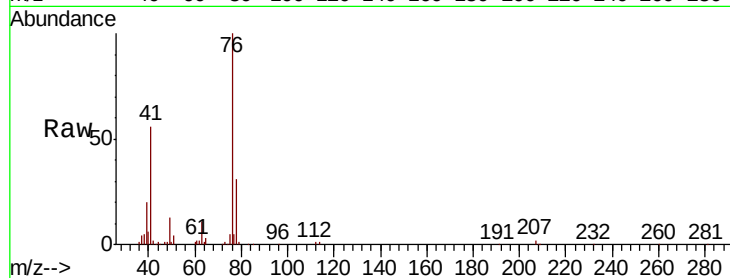
#57
 1,3-Dichloropropane
 Concen: 19.717 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.5	38.3

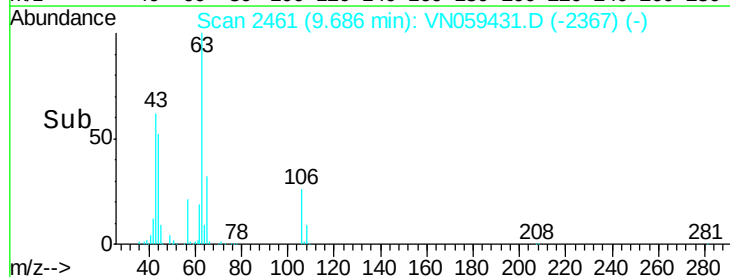
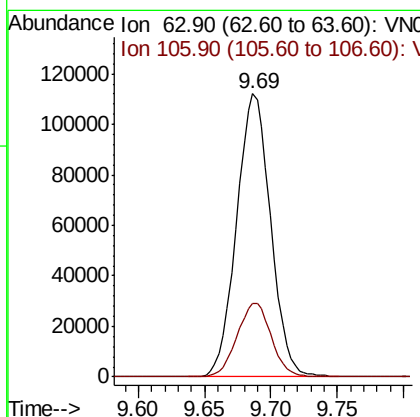
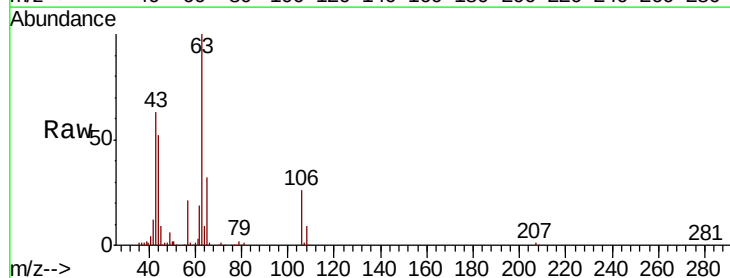
Manual Integrations
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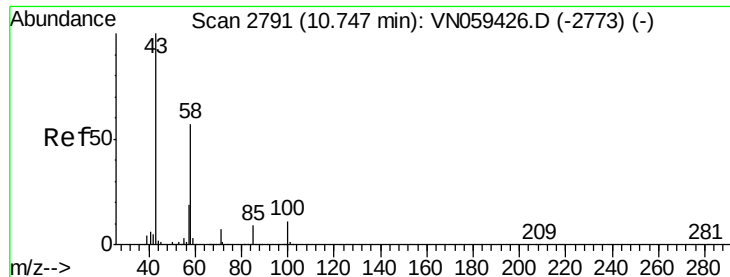
apatel
 12/2/2019 10:09:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 126.830 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	20.9	31.3





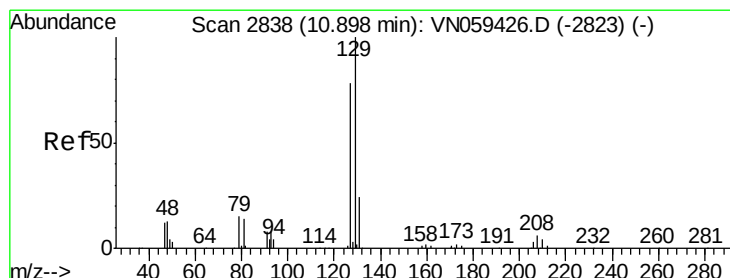
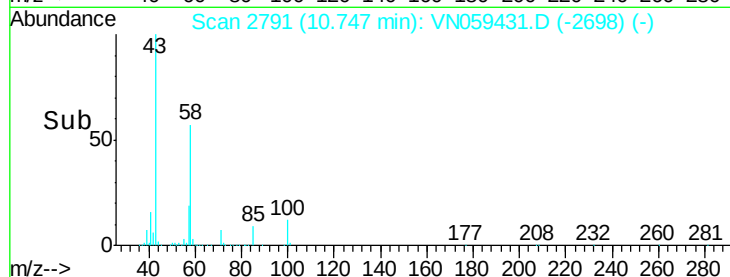
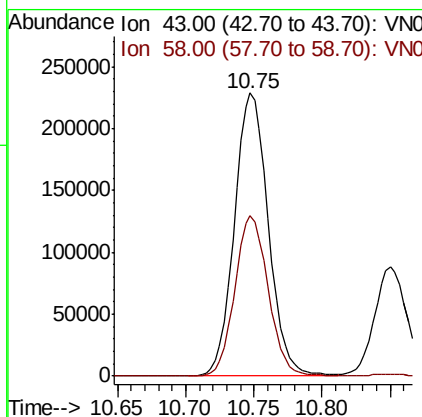
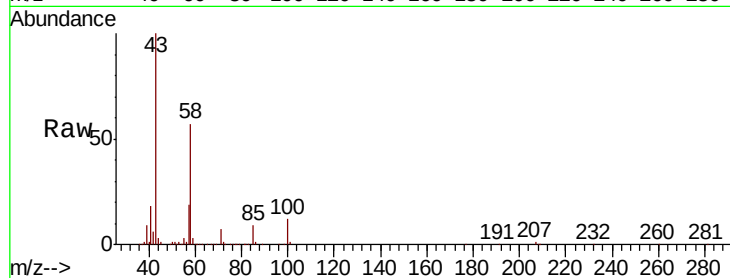
#59
2-Hexanone
Concen: 107.284 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion	43	Resp	393036
Ion Ratio	100	Lower	Upper
43	100		
58	56.1	28.3	85.0

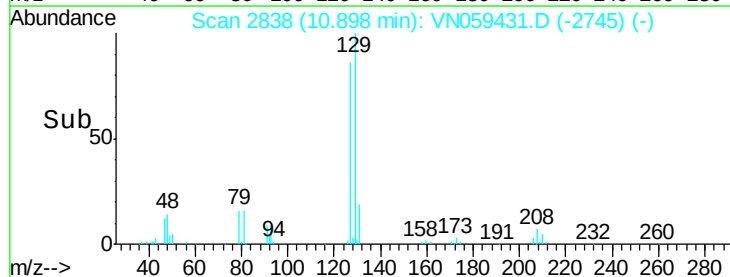
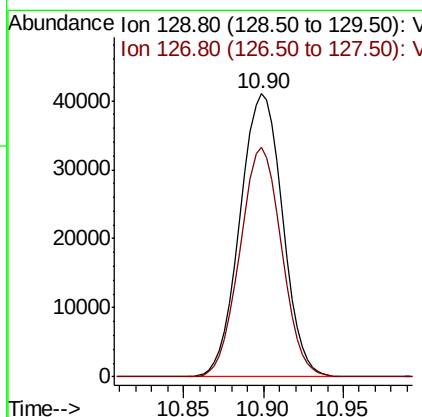
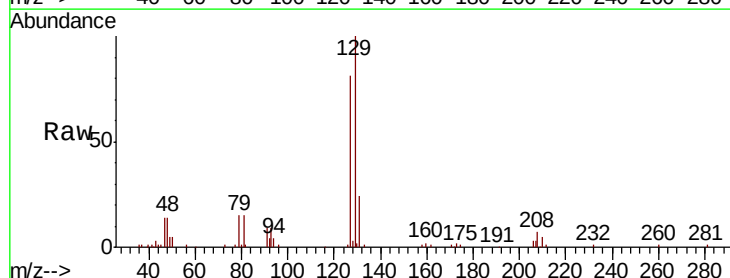
Manual Integrations
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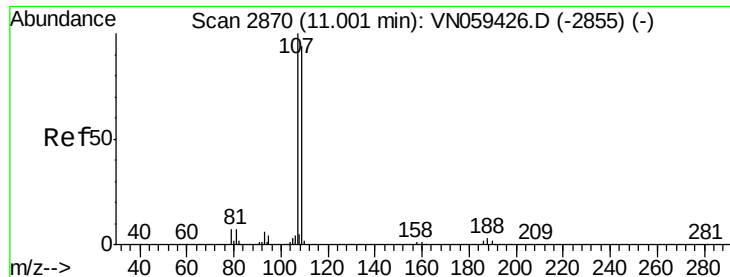
apatel
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#60
Dibromochloromethane
Concen: 19.443 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	129	Resp	74673
Ion Ratio	100	Lower	Upper
129	100		
127	79.2	38.6	116.0





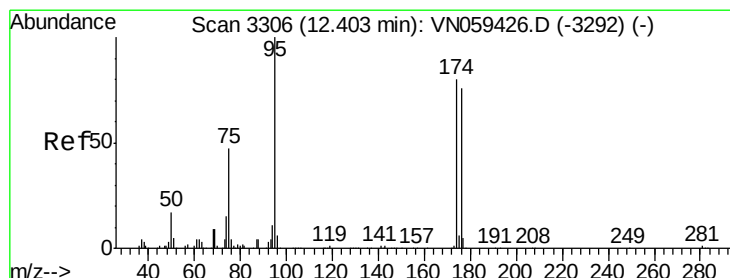
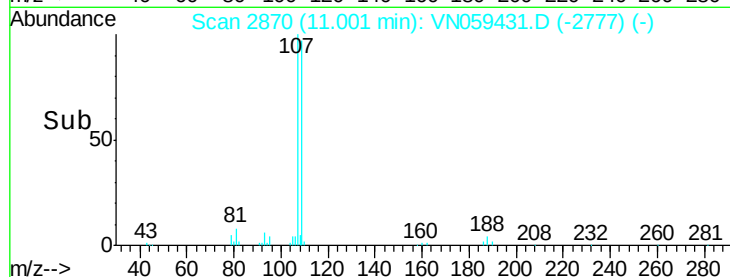
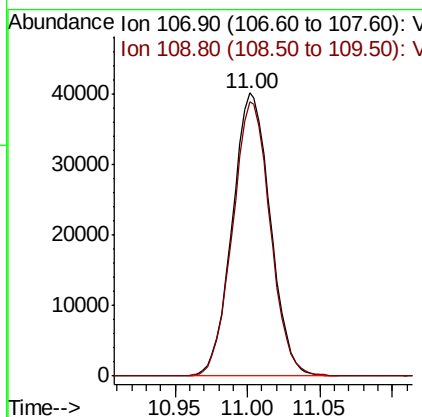
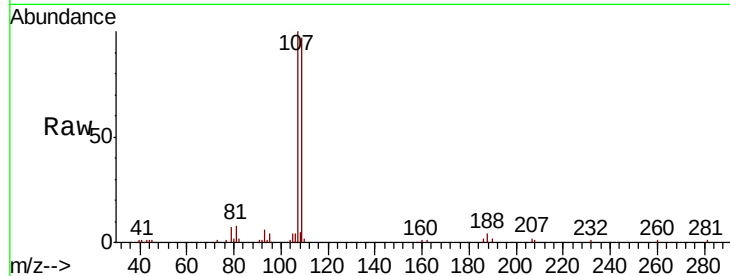
#61
 1,2-Dibromoethane
 Concen: 19.414 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.8	113.8

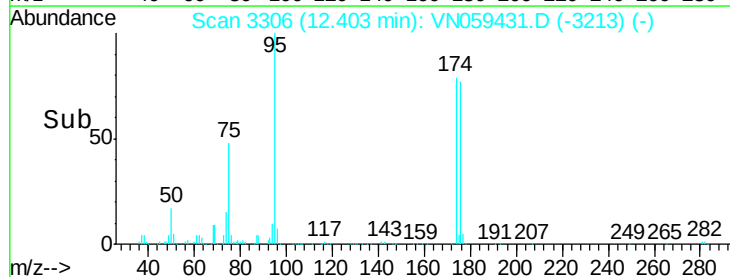
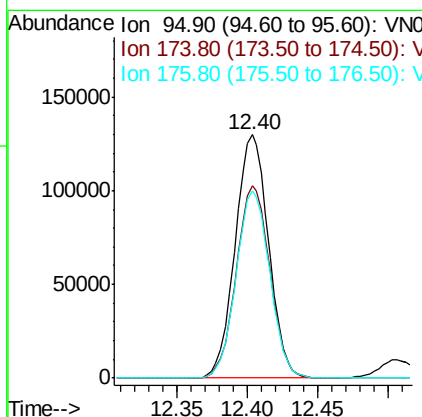
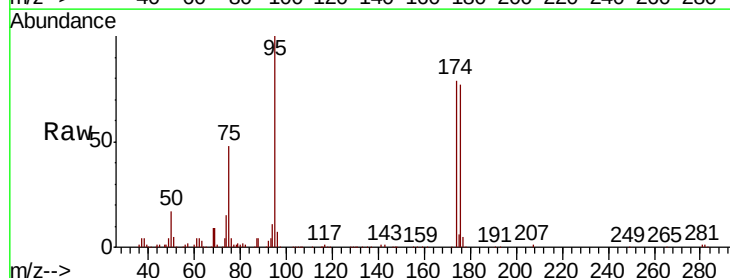
Manual Integrations
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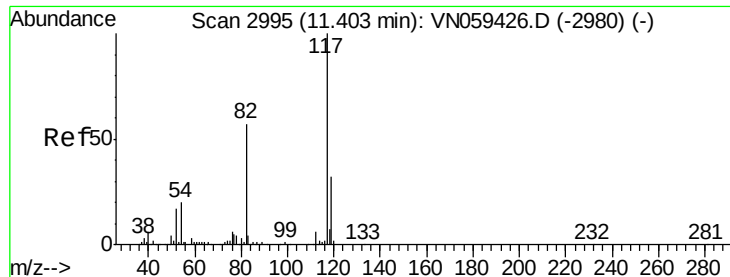
apatel
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#62
 4-Bromofluorobenzene
 Concen: 46.336 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	158.0
176	77.4	0.0	153.0





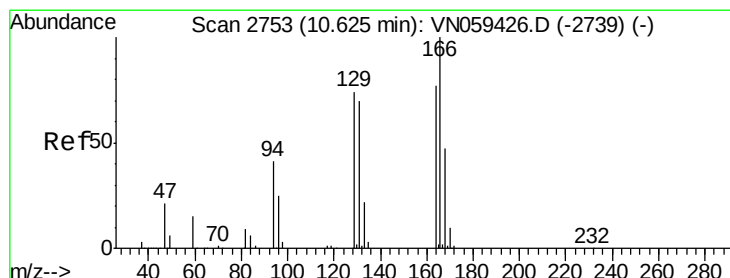
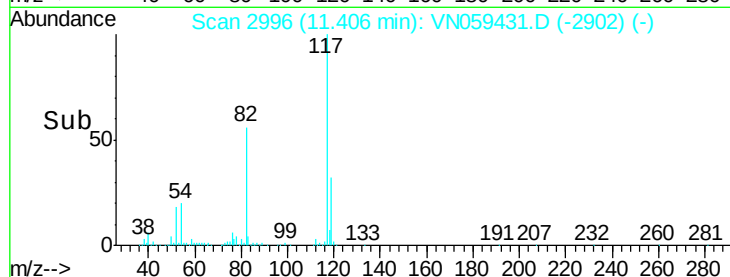
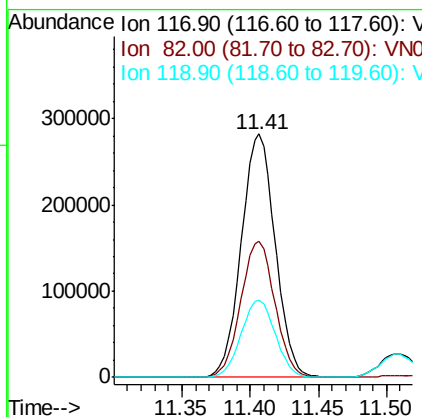
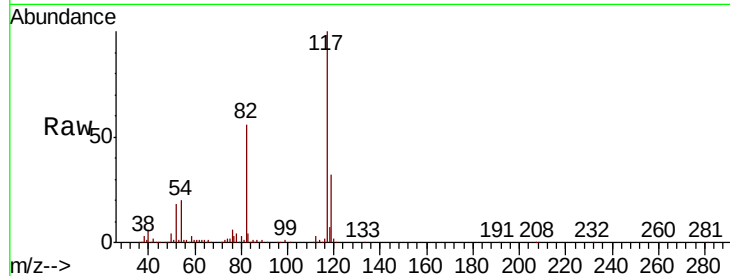
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	486904		
82	56.1		45.4	68.0
119	31.8		25.6	38.4

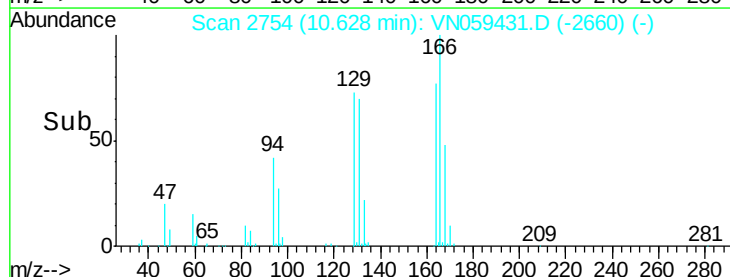
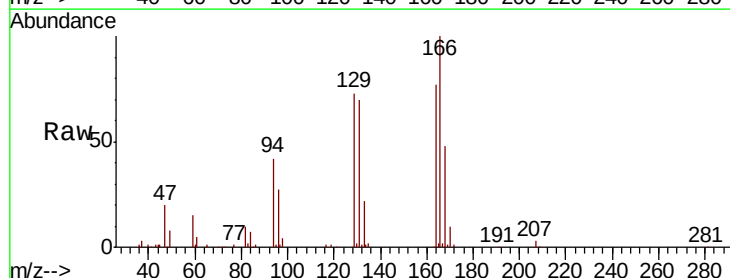
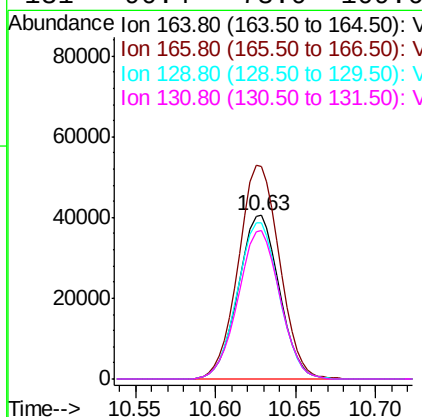
Manual Integrations
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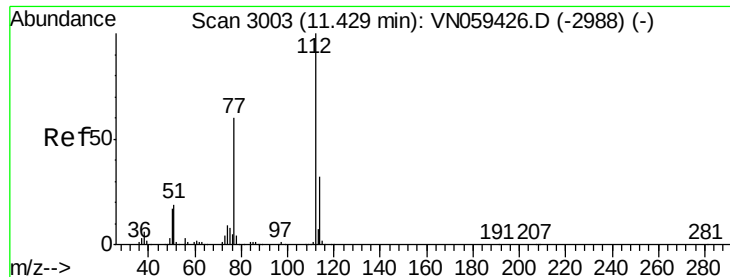
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#64
Tetrachloroethene
Concen: 19.732 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71062		
166	130.1		104.2	156.4
129	95.4		76.8	115.2
131	90.4		73.0	109.6





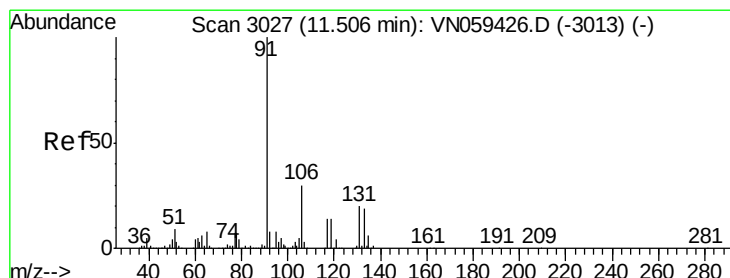
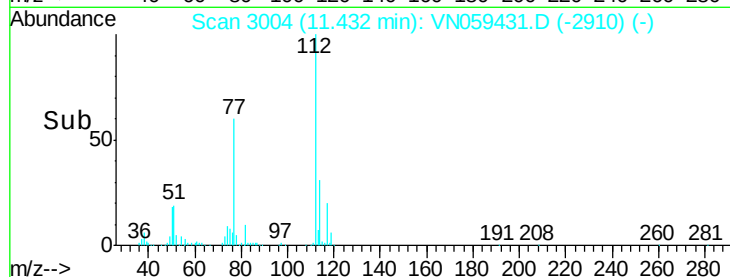
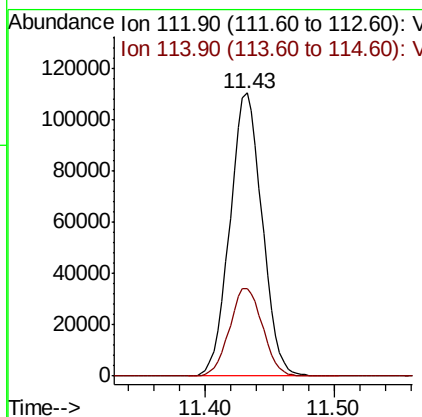
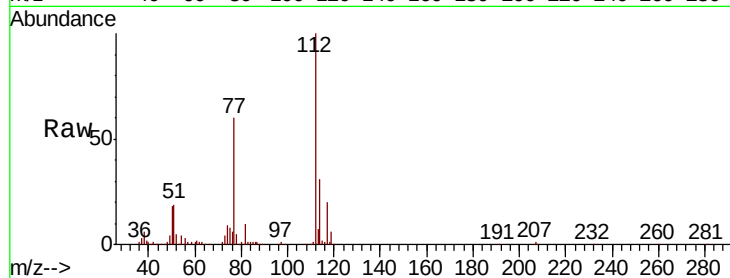
#65
Chlorobenzene
Concen: 19.440 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion:112 Resp: 191626
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

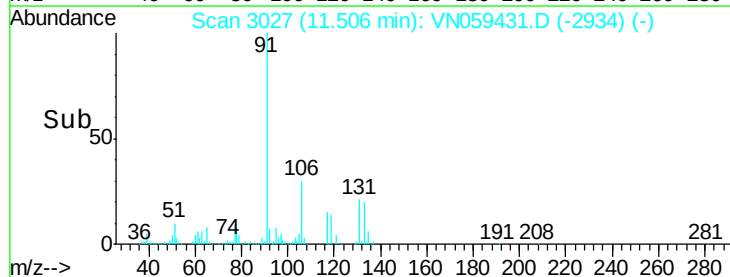
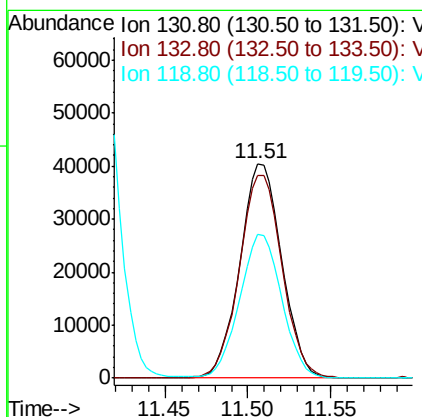
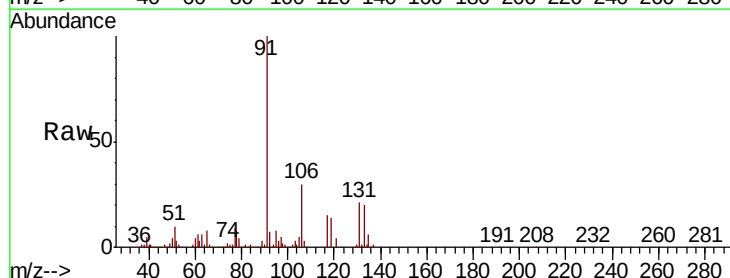
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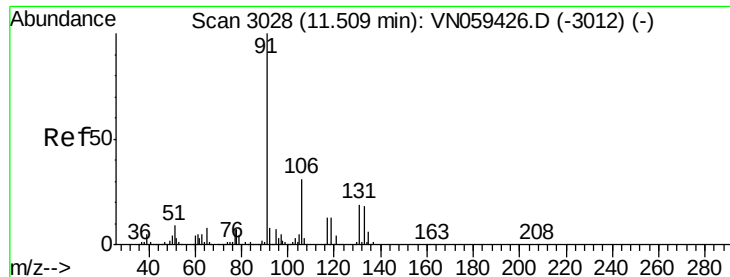
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.867 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion:131 Resp: 71017
Ion Ratio Lower Upper
131 100
133 97.0 48.2 144.6
119 67.6 33.8 101.3





#67

Ethyl Benzene

Concen: 19.837 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion: 91 Resp: 343454

Ion Ratio Lower Upper

91 100

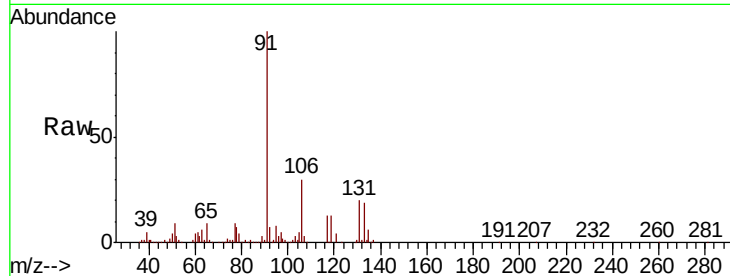
106 30.3 24.7 37.1

Manual Integrations

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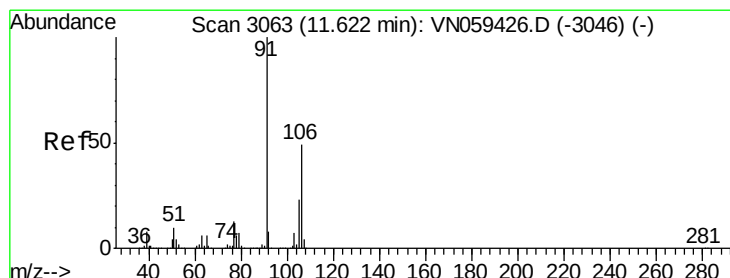
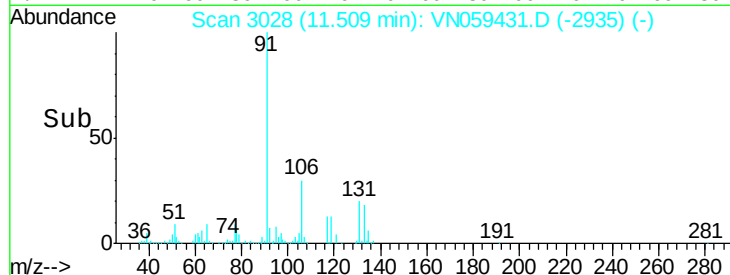
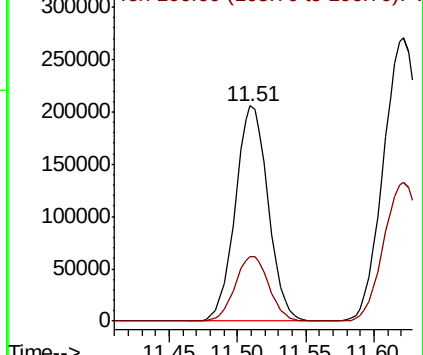
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN059431.D (-2935) (-)

Ion 106.00 (105.70 to 106.70): VN059431.D (-2935) (-)



#68

m/p-Xylenes

Concen: 39.709 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059431.D

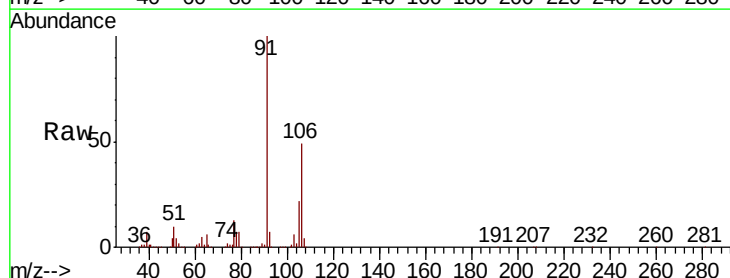
Acq: 27 Nov 2019 19:10

Tgt Ion: 106 Resp: 256688

Ion Ratio Lower Upper

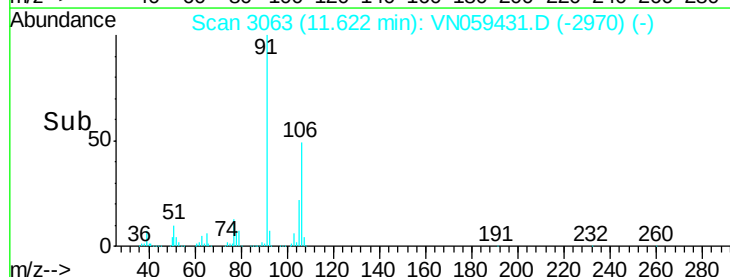
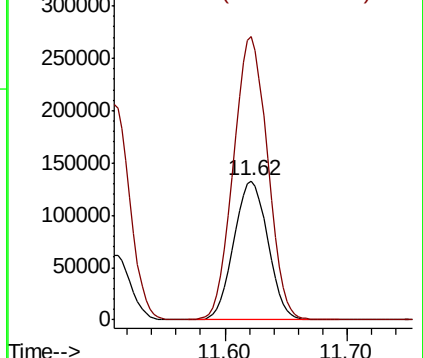
106 100

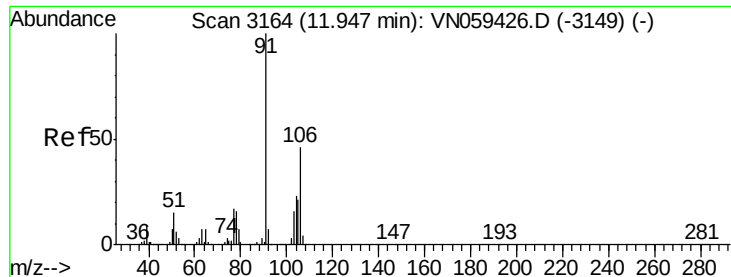
91 203.6 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): VN059431.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN059431.D (-2970) (-)





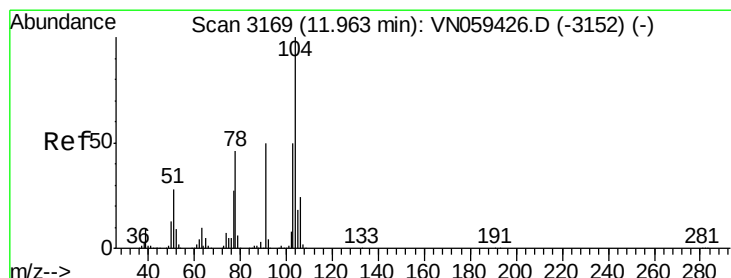
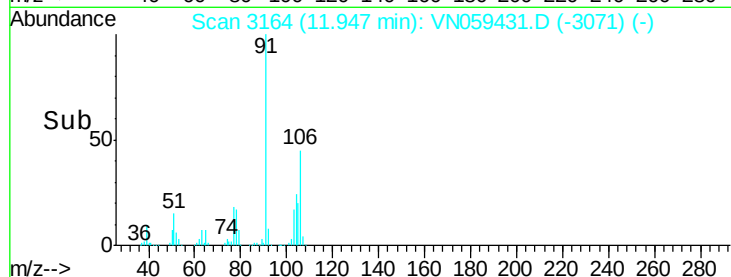
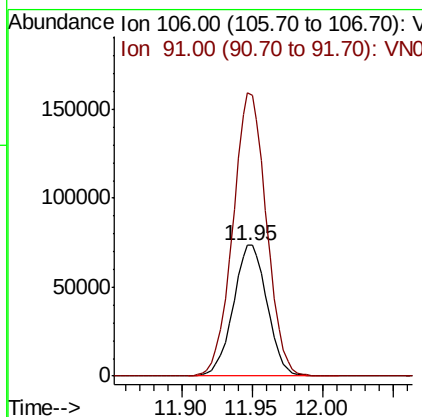
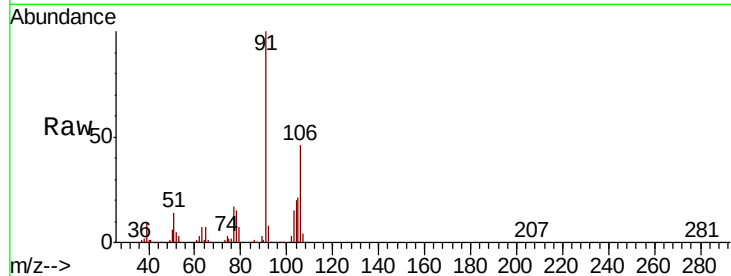
#69
o-Xylene
Concen: 19.983 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	213.7	107.5	322.4	

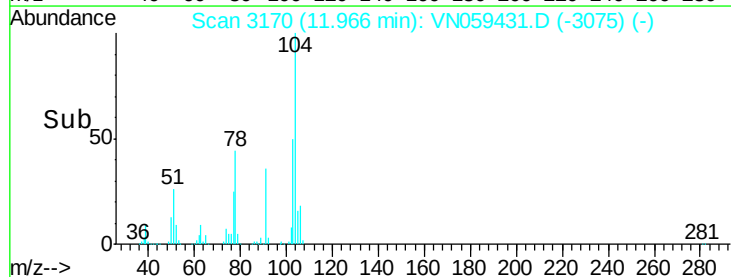
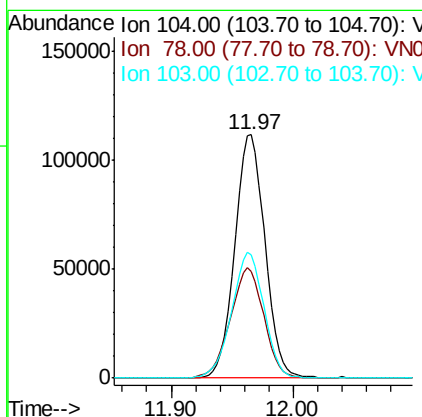
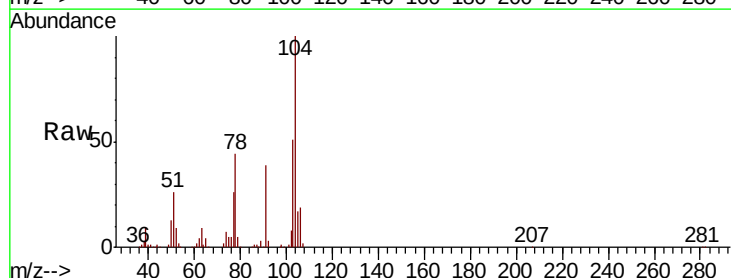
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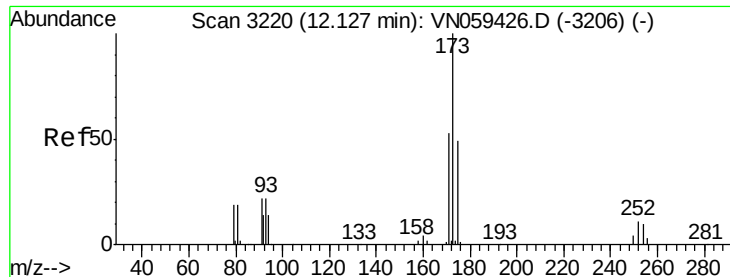
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#70
Styrene
Concen: 20.898 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.4	40.4	60.6	
103	55.3	43.8	65.6	





#71

Bromoform

Concen: 19.968 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

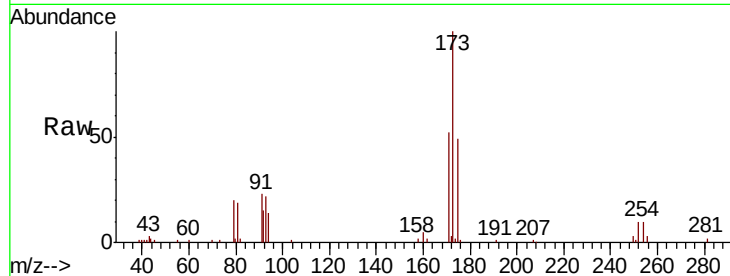
ClientSampleId :

VN1127WBSD01

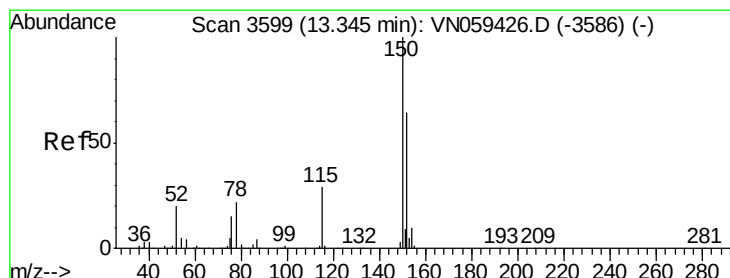
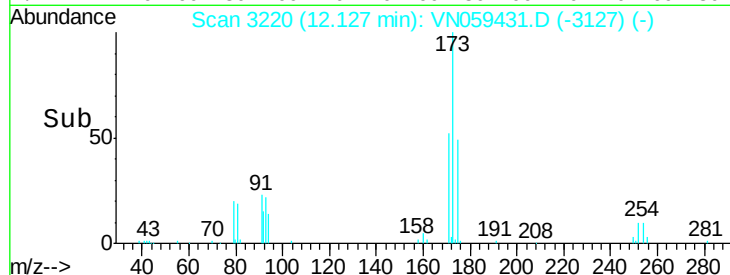
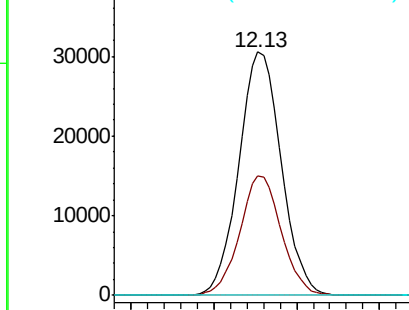
Tot Ion:	173	Resp:	54351
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.1	72.3
254	0.0	0.0	0.0

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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

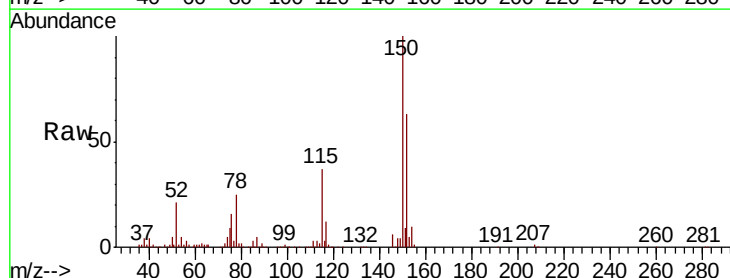
RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

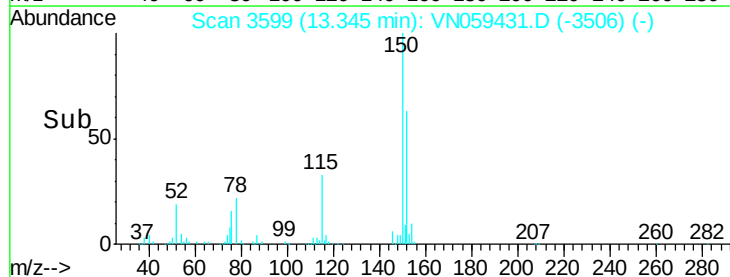
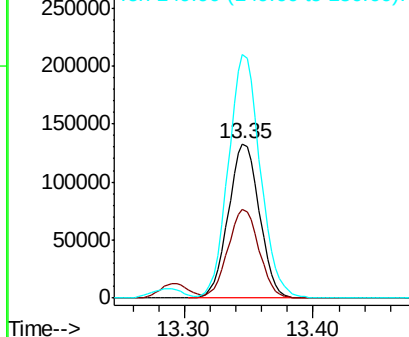
Lab File: VN059431.D

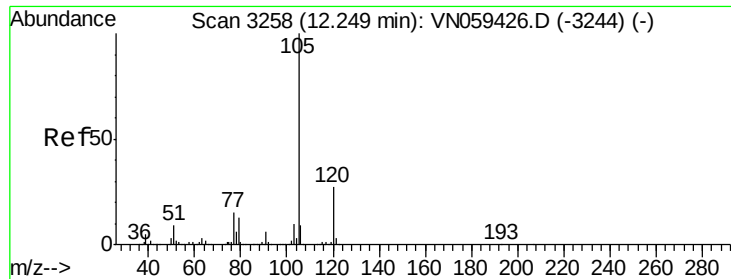
Acq: 27 Nov 2019 19:10

Tgt Ion:	152	Resp:	222400
Ion Ratio	Lower	Upper	
152	100		
115	57.3	29.5	88.6
150	161.8	0.0	347.2



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: 19.920 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion:105 Resp: 328194

Ion Ratio Lower Upper

105 100

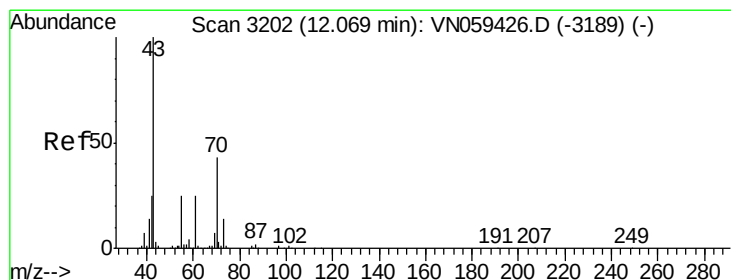
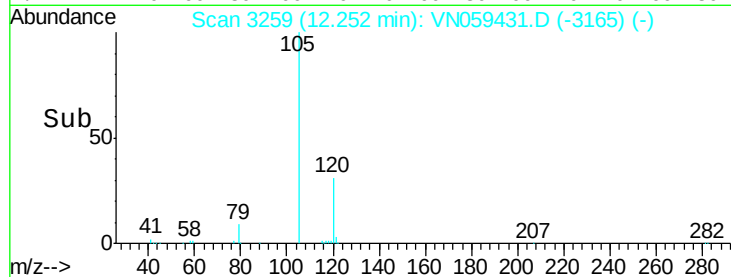
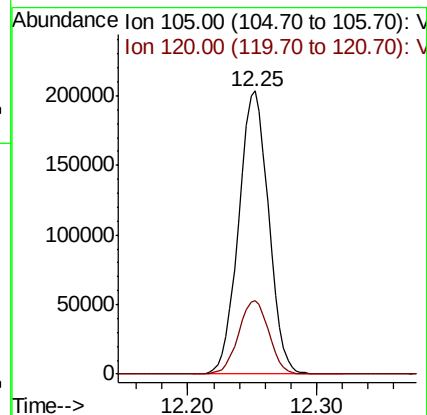
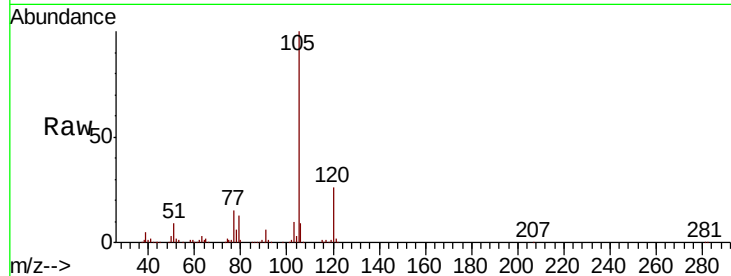
120 26.2 13.2 39.6

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#74

N-ethyl acetate

Concen: 21.921 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion: 43 Resp: 124760

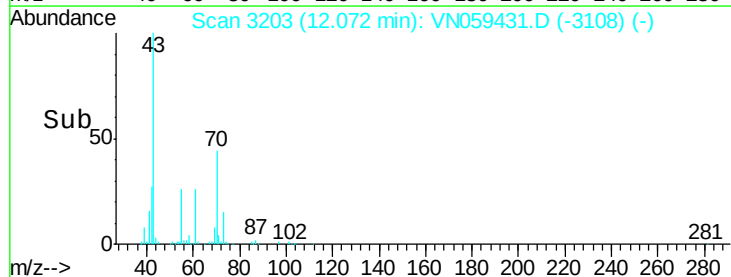
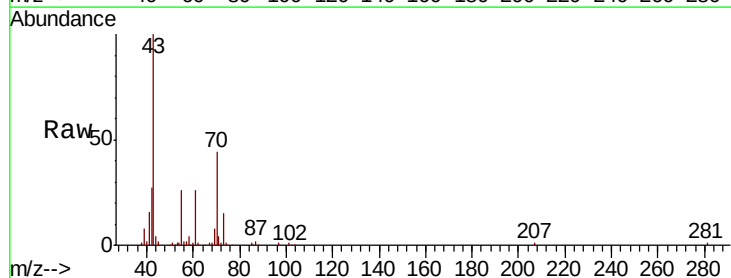
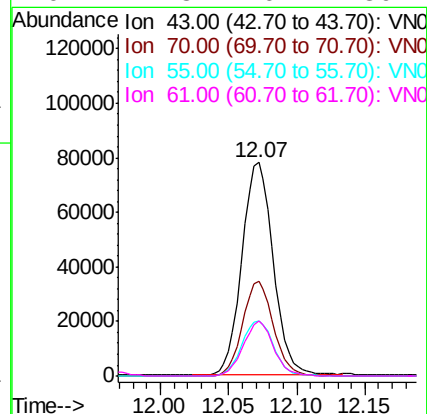
Ion Ratio Lower Upper

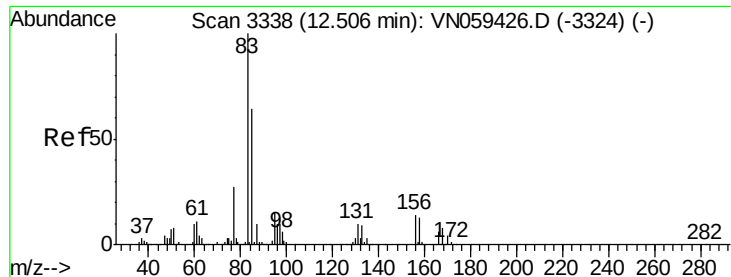
43 100

70 43.5 34.6 52.0

55 26.3 20.5 30.7

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.007 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

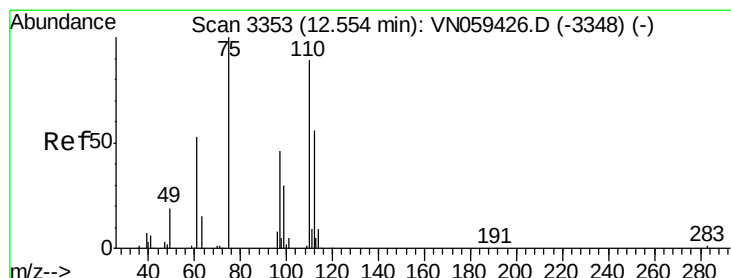
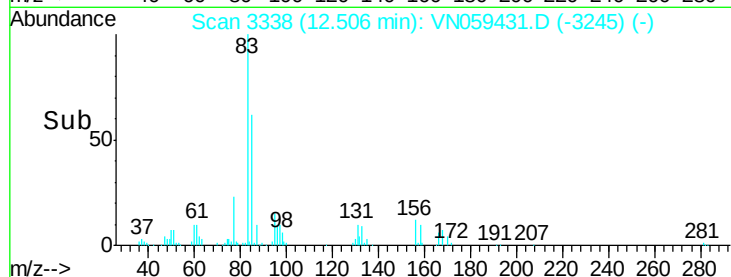
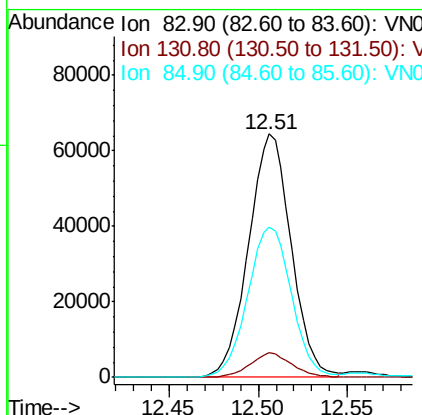
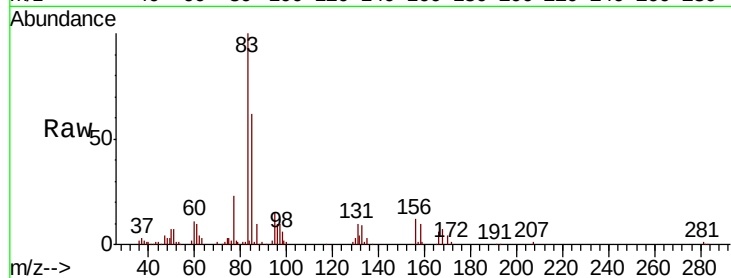
ClientSampleId :

VN1127WBSD01

Tot Ion:	83	Resp:	107497
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	63.6	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.295 ug/l m

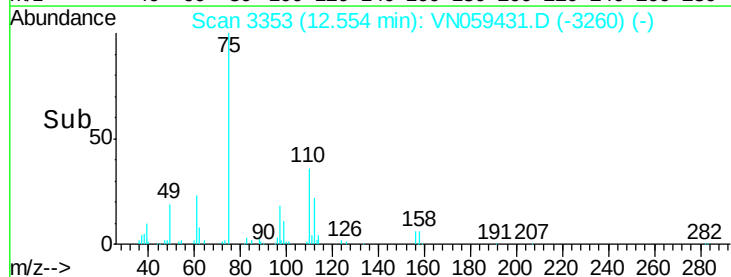
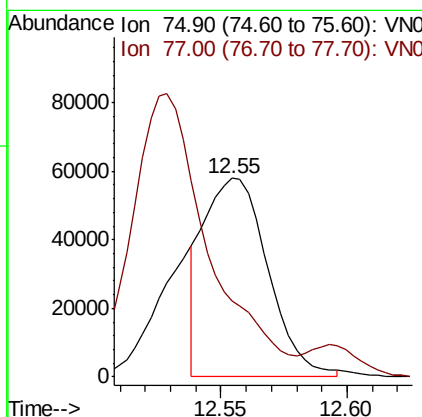
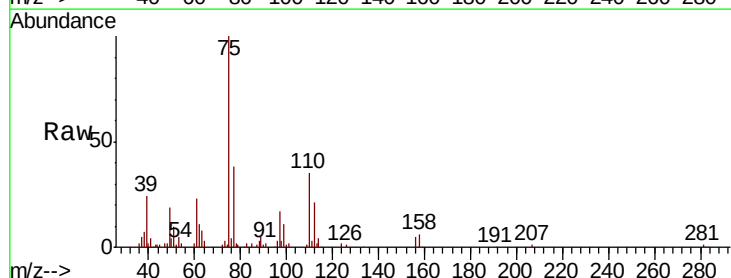
RT: 12.55 min Scan# 3353

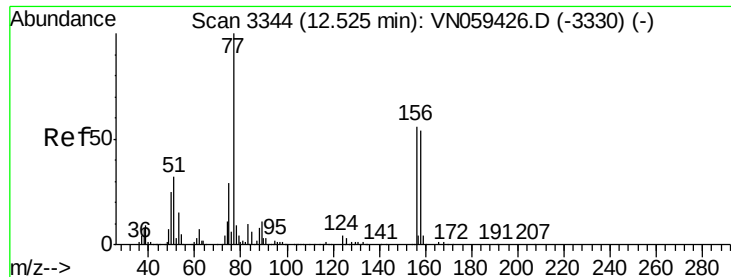
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	75	Resp:	102108
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.483 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

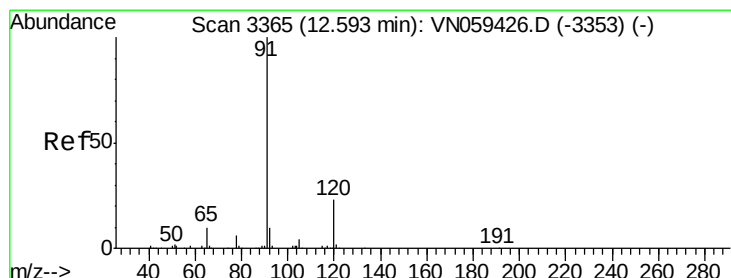
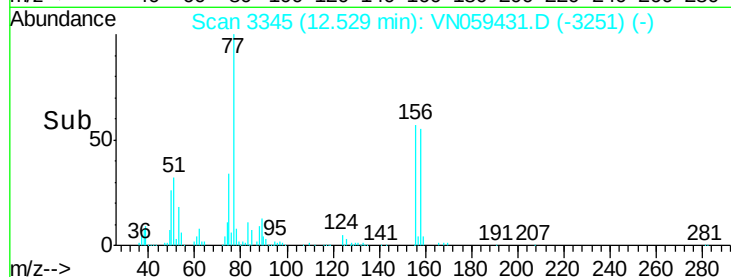
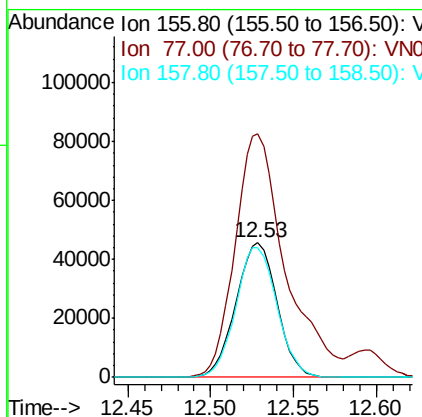
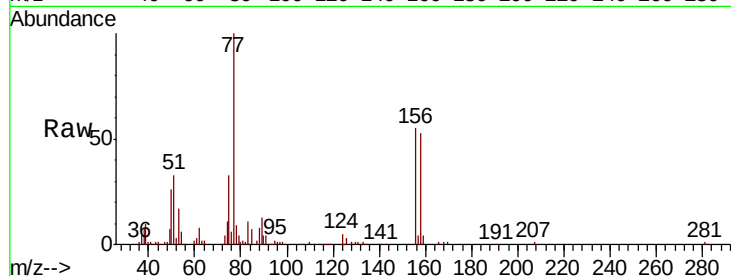
ClientSampleId :

VN1127WBSD01

Tot Ion:	156	Resp:	78590
Ion Ratio	Lower	Upper	
156	100		
77	222.5	108.7	326.3
158	97.2	48.3	144.9

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#78

n-propylbenzene

Concen: 19.778 ug/l

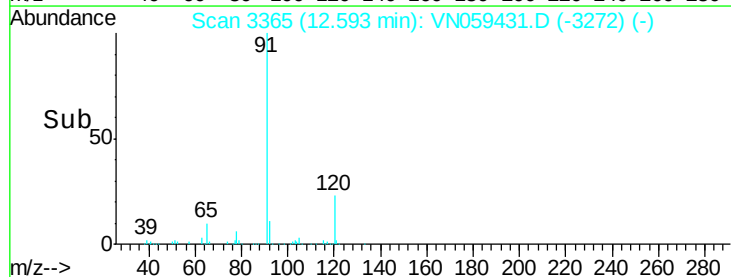
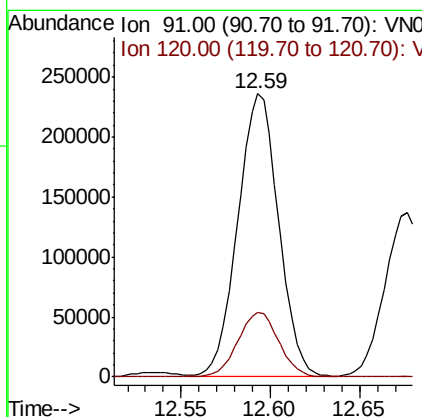
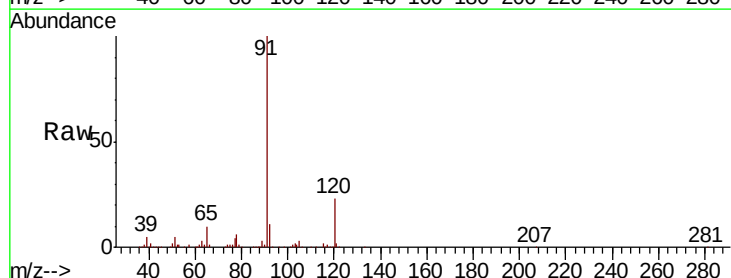
RT: 12.59 min Scan# 3365

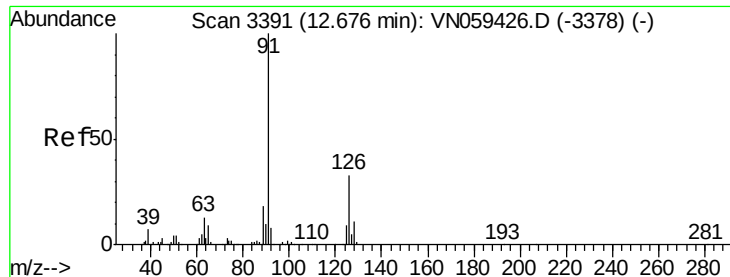
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	91	Resp:	375500
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





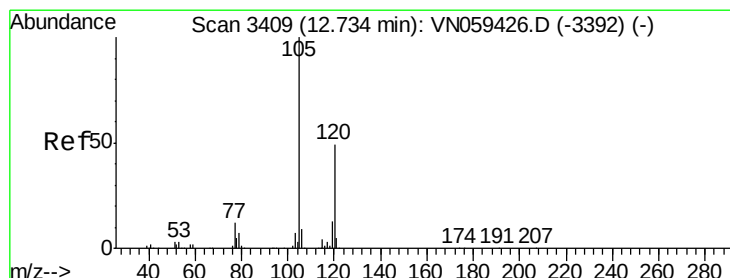
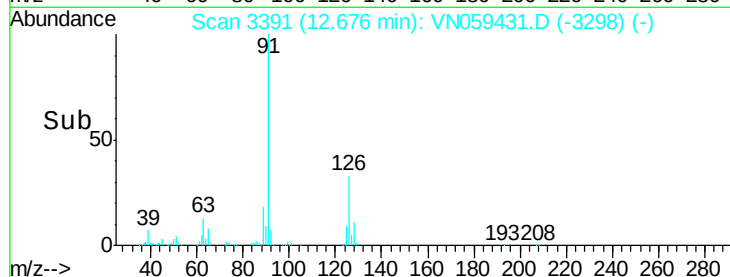
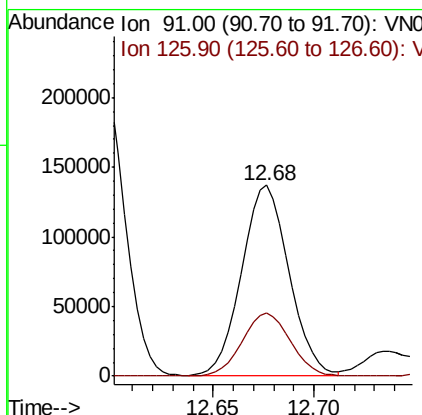
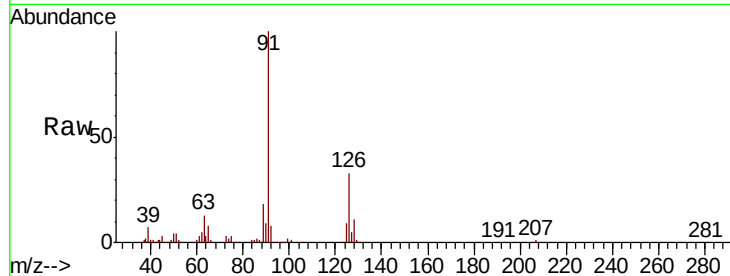
#79
 2-Chlorotoluene
 Concen: 19.805 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion: 91 Resp: 224807
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.7 50.1

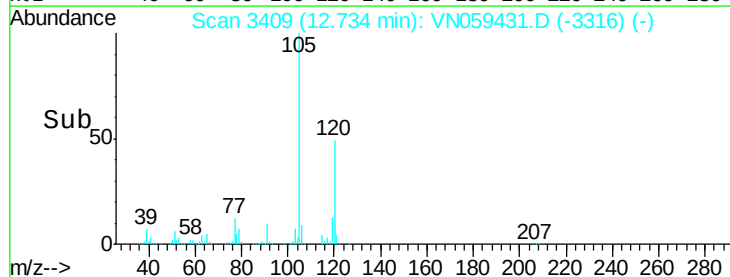
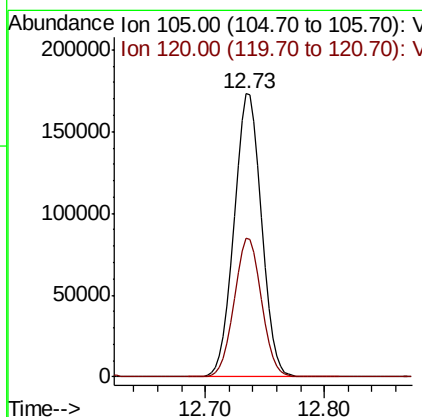
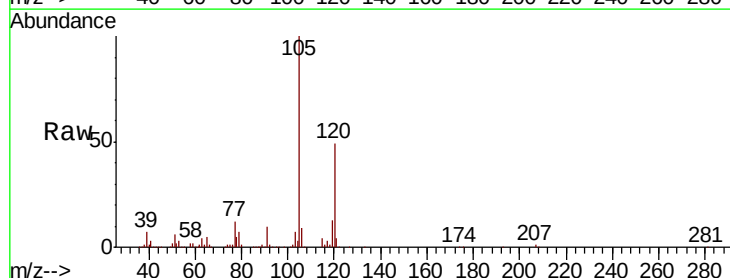
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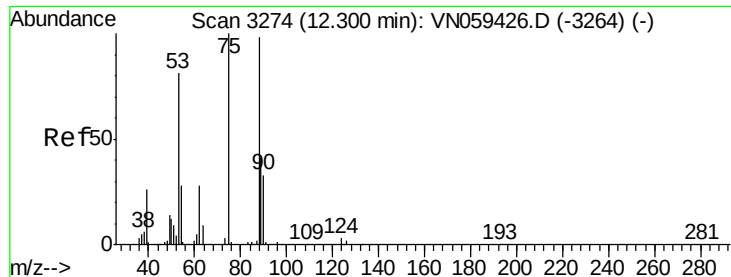
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.991 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion: 105 Resp: 276863
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8





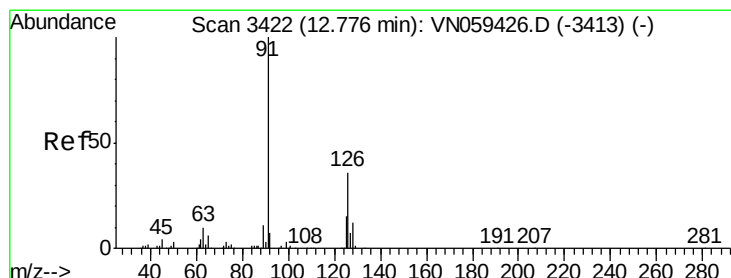
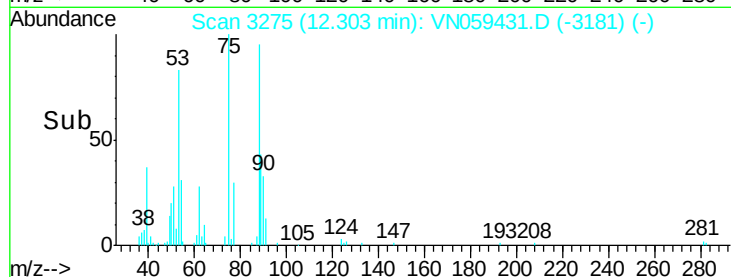
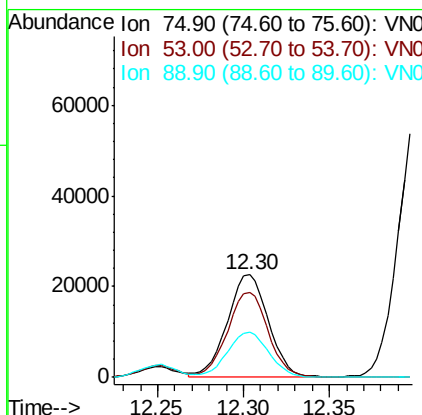
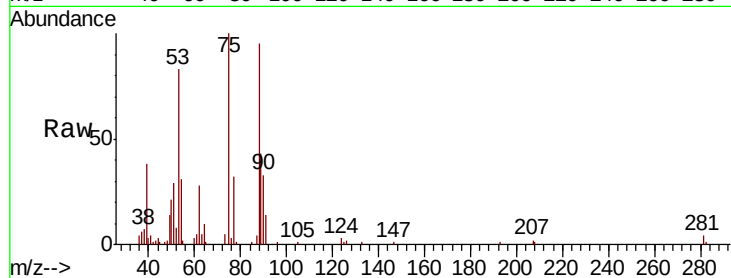
#81
trans-1,4-Dichloro-2-butene
Concen: 19.419 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.6	66.2	99.4
89	43.7	33.9	50.9

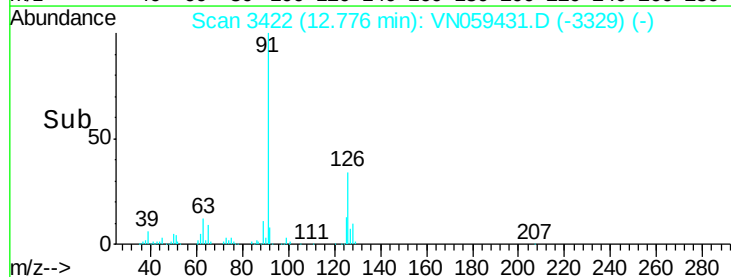
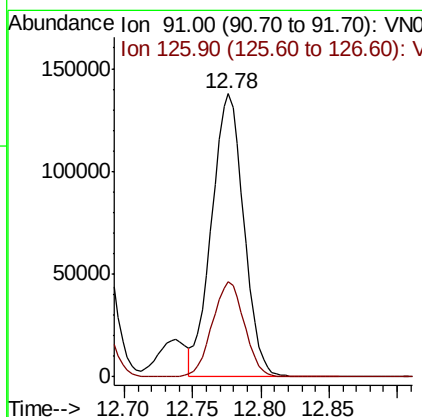
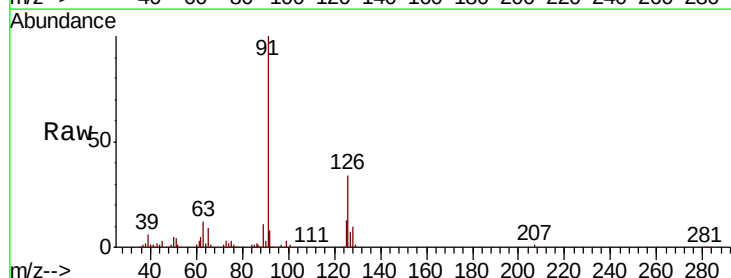
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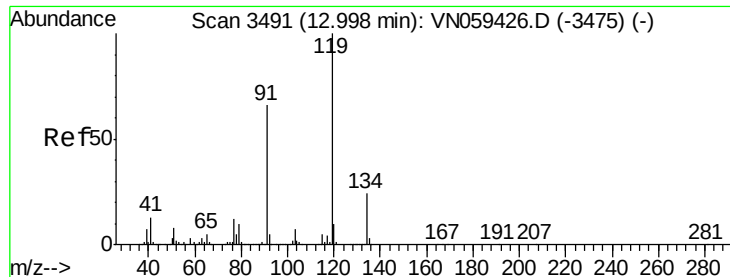
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#82
4-Chlorotoluene
Concen: 19.275 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.7	50.0





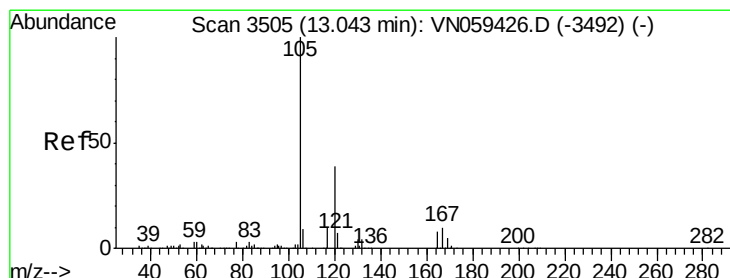
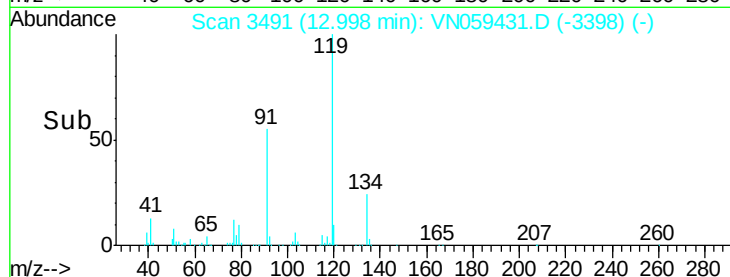
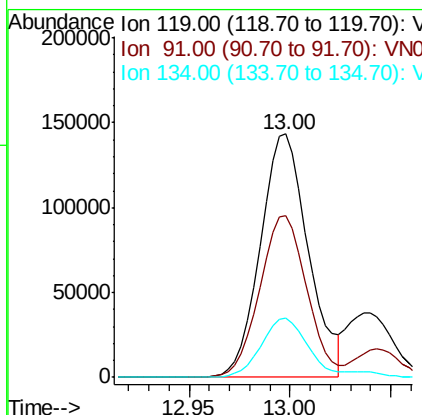
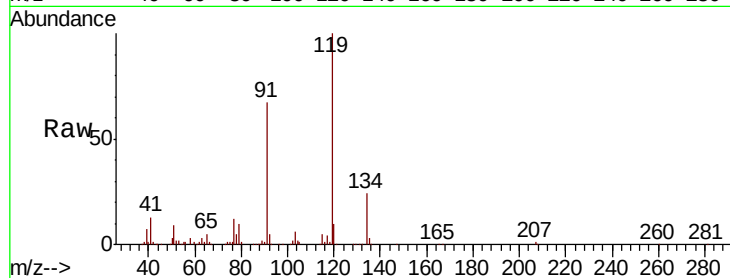
#83
 tert-Butylbenzene
 Concen: 19.936 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.8	98.4
134	23.6	12.9	38.6

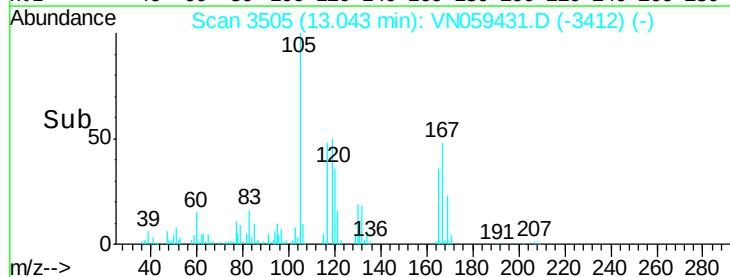
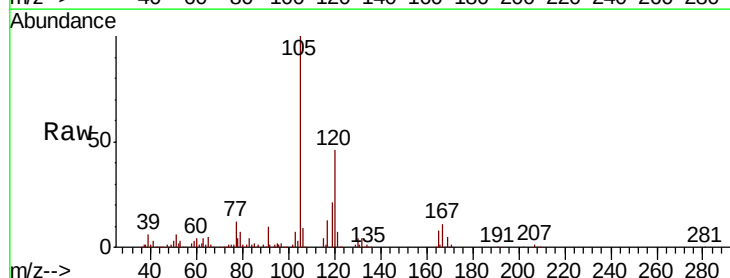
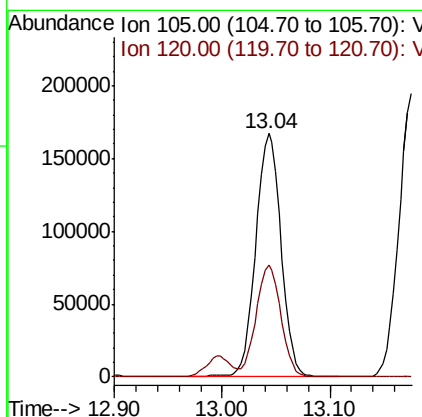
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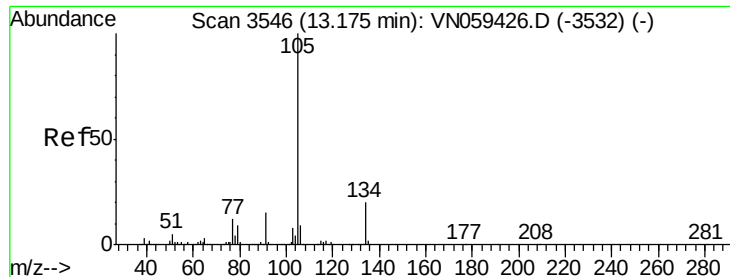
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.010 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.7





#85

sec-Butylbenzene

Concen: 19.835 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tot Ion:105 Resp: 313244

Ion Ratio Lower Upper

105 100

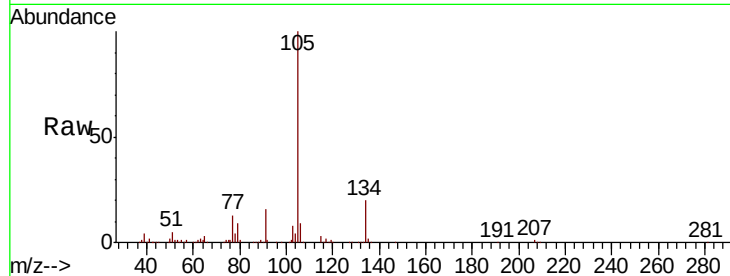
134 19.7 9.9 29.7

Manual Integrations

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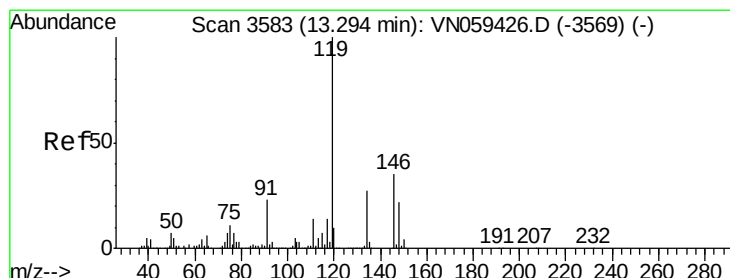
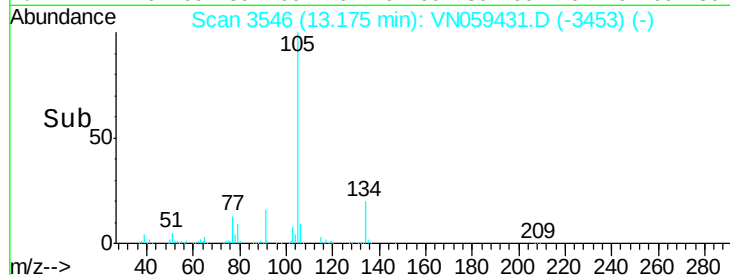
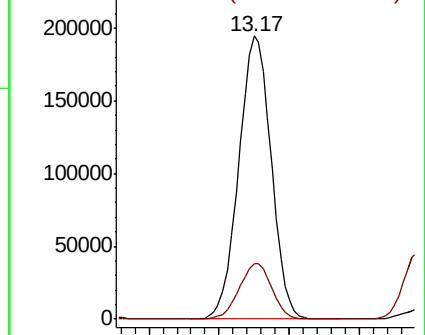
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.480 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

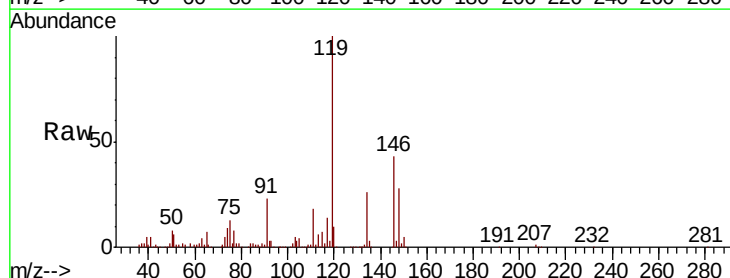
Tgt Ion:119 Resp: 278107

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

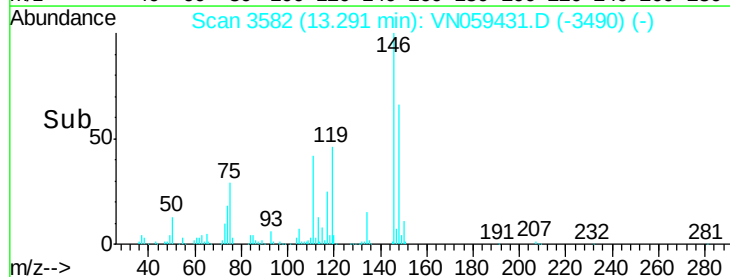
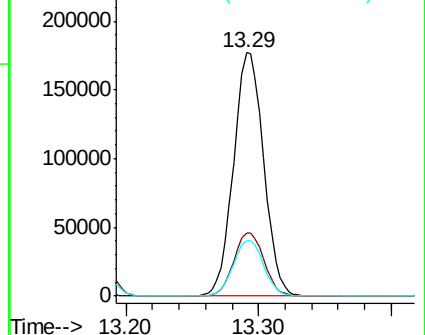
91 23.3 11.5 34.4

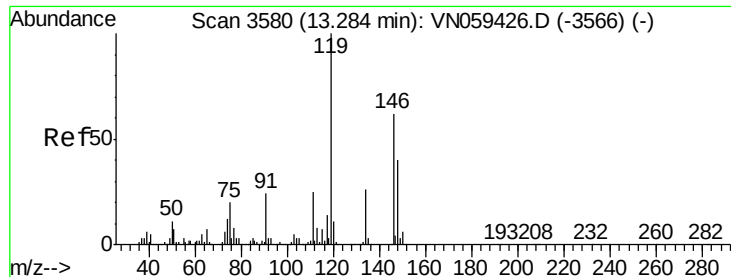


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.234 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059431.D

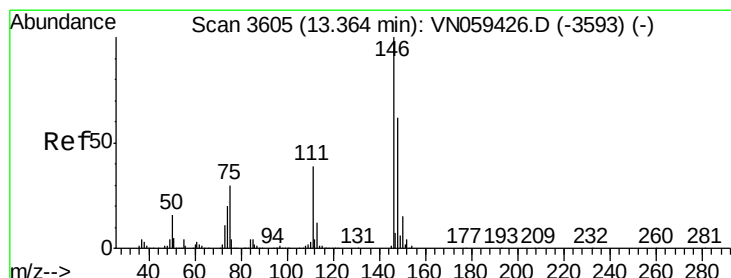
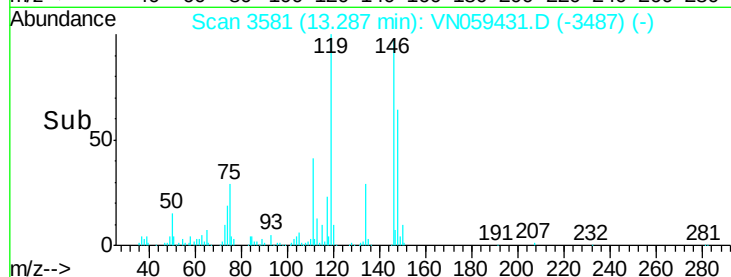
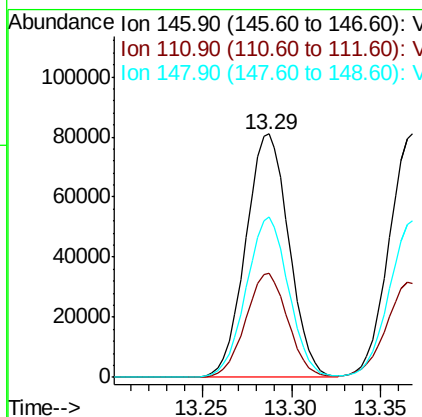
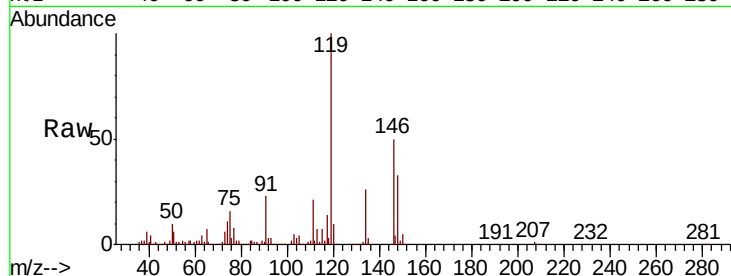
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	64.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 18.919 ug/l

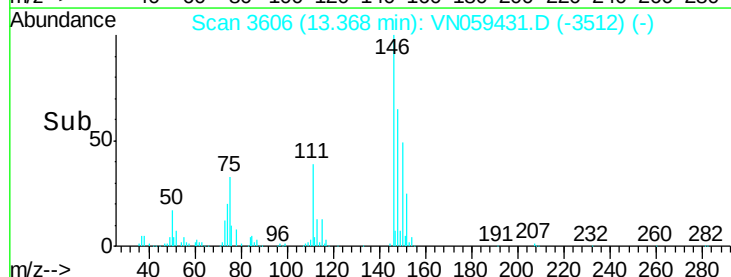
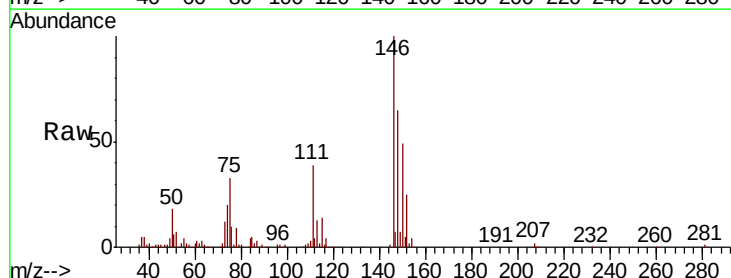
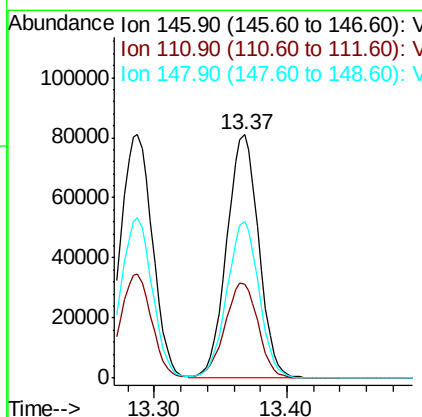
RT: 13.37 min Scan# 3606

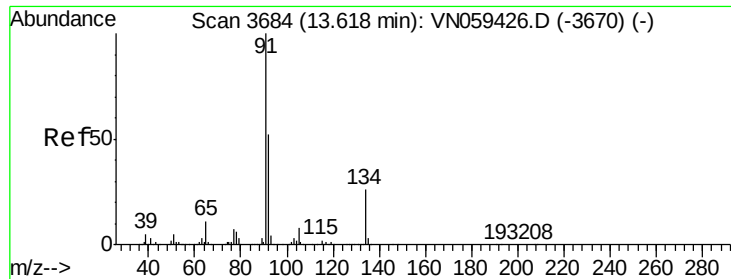
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.7
148	64.1	31.6	95.0





#89

n-Butylbenzene

Concen: 18.513 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

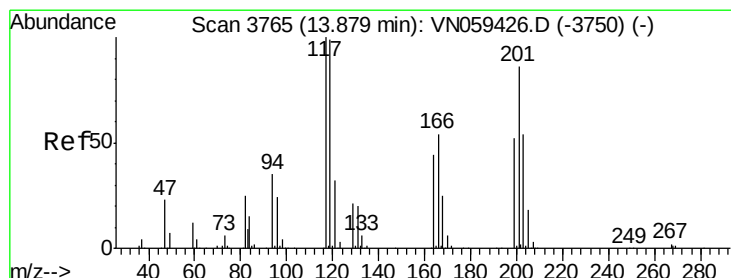
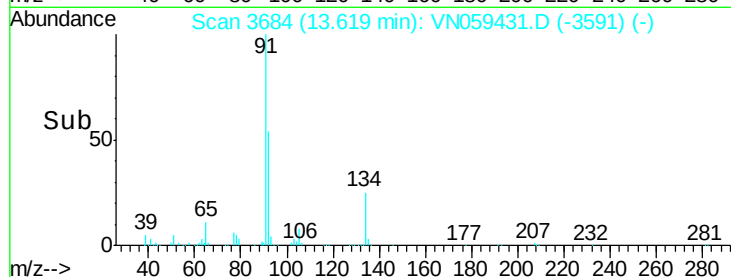
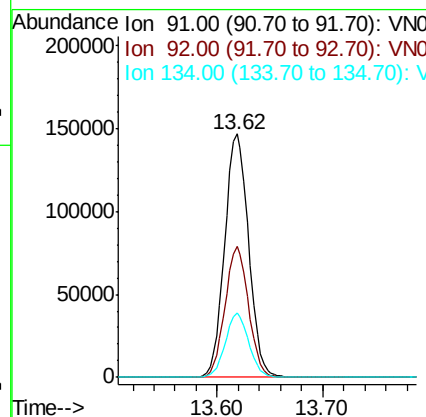
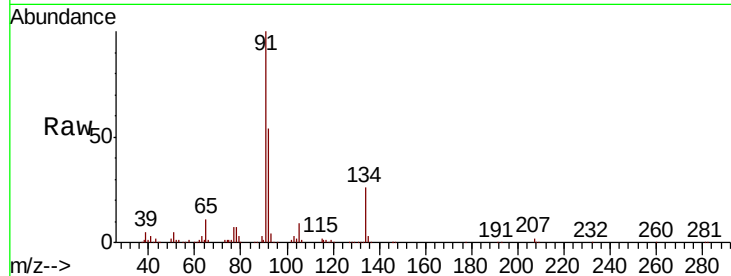
ClientSampleId :

VN1127WBSD01

Tot Ion:	91	Resp:	231039
Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.9	77.8
134	25.7	12.8	38.4

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#90

Hexachloroethane

Concen: 19.355 ug/l

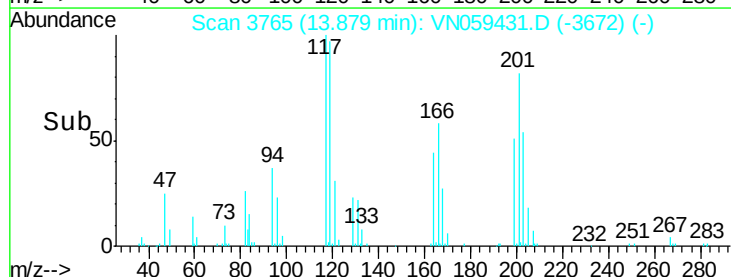
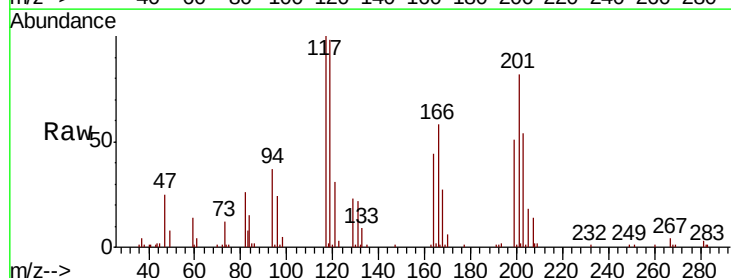
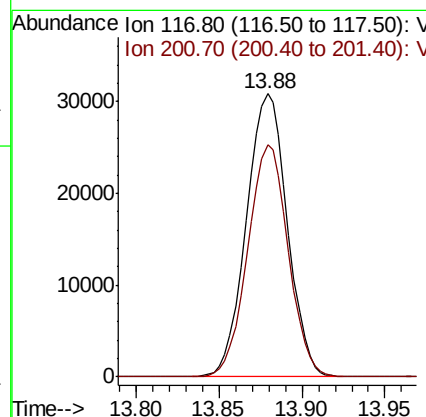
RT: 13.88 min Scan# 3765

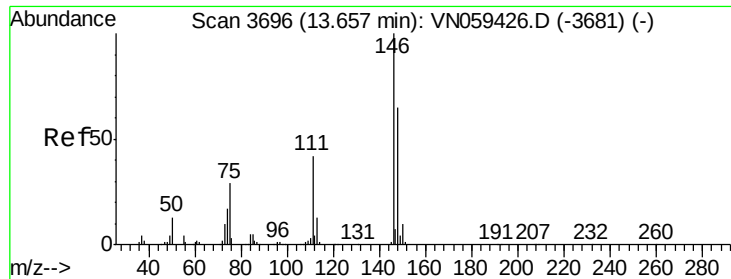
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	117	Resp:	52814
Ion	Ratio	Lower	Upper
117	100		
201	81.2	42.1	126.4





#91

1,2-Dichlorobenzene

Concen: 19.008 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Instrument :

MSVOA_N

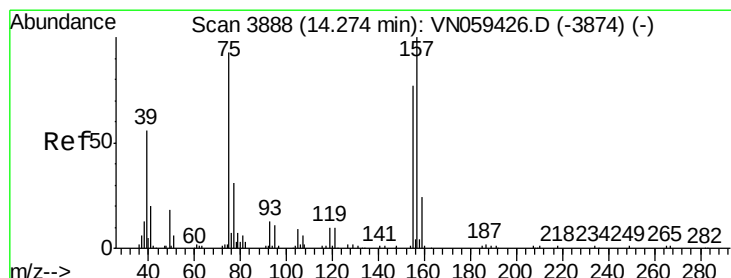
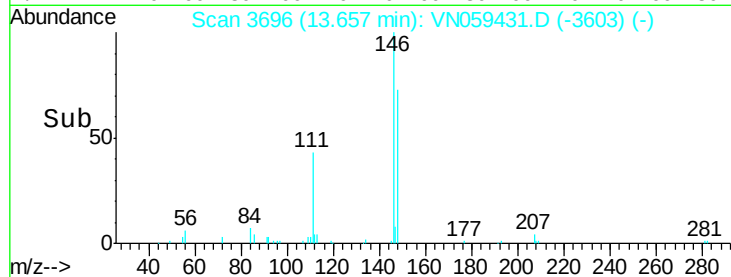
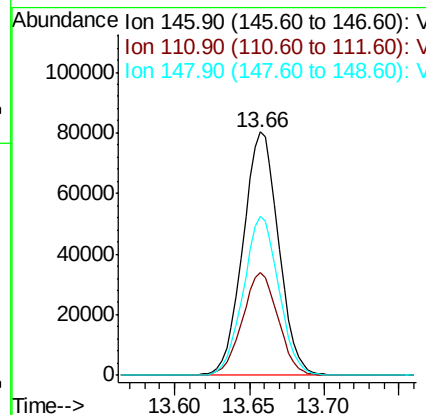
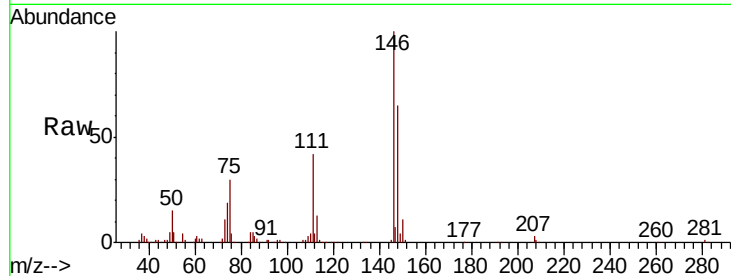
ClientSampleID :

VN1127WBSD01

Tot Ion:	146	Resp:	133147
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.3	63.7
148	64.9	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.813 ug/l

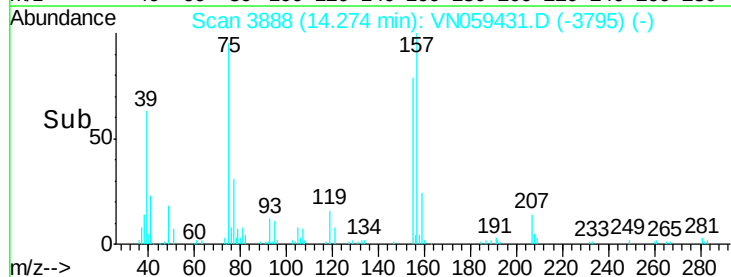
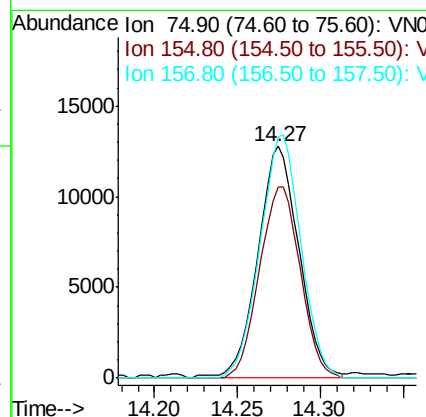
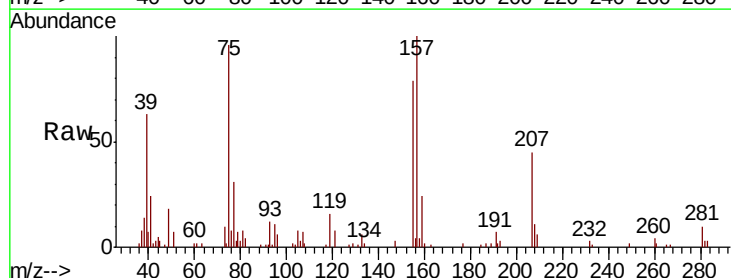
RT: 14.27 min Scan# 3888

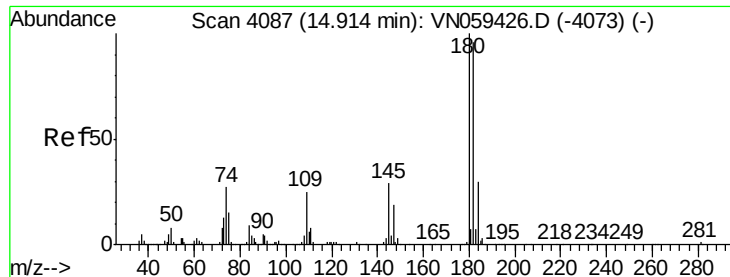
Delta R.T. 0.00 min

Lab File: VN059431.D

Acq: 27 Nov 2019 19:10

Tgt Ion:	75	Resp:	22034
Ion Ratio	Lower	Upper	
75	100		
155	81.5	41.9	125.8
157	104.2	54.1	162.3





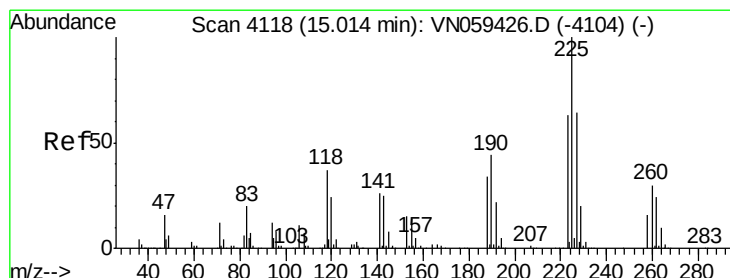
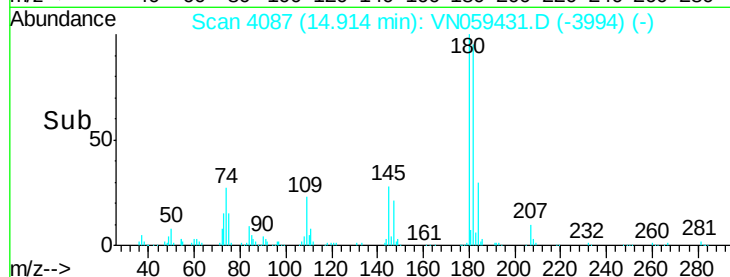
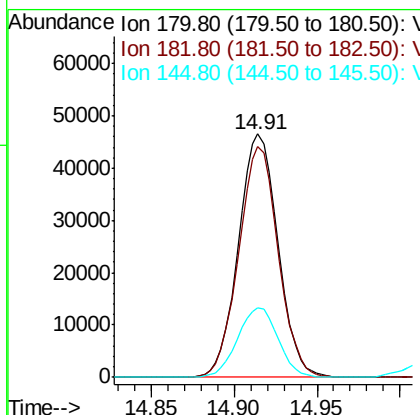
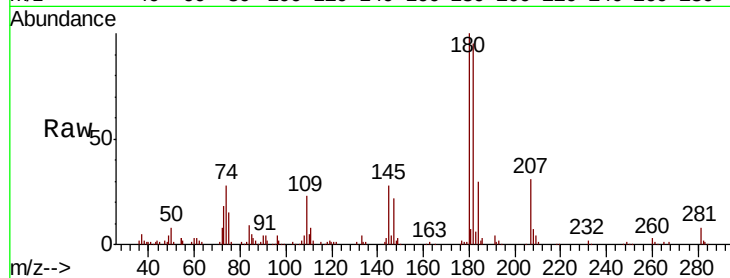
#93
 1,2,4-Trichlorobenzene
 Concen: 17.693 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	29.3	14.8	44.4

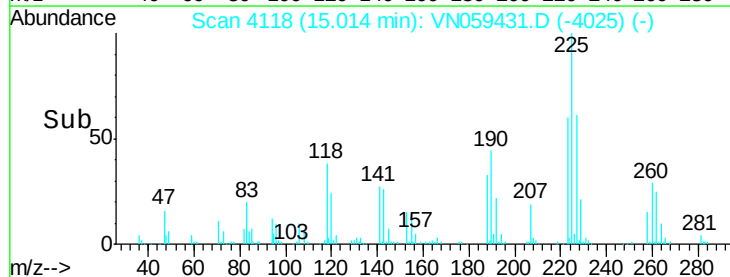
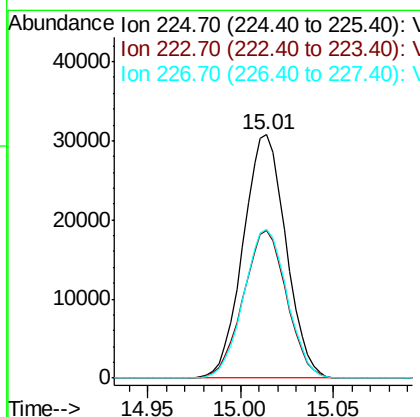
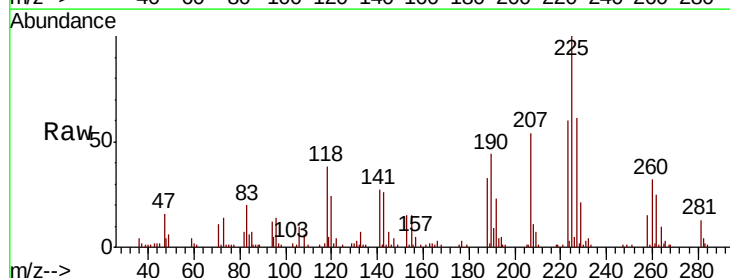
Manual Integrations
 APPROVED

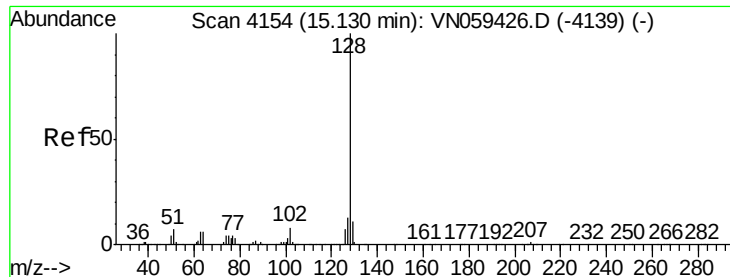
apatel
 12/2/2019 10:09:16 AM



#94
 Hexachlorobutadiene
 Concen: 18.563 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059431.D
 Acq: 27 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.5	94.5
227	62.0	31.9	95.7





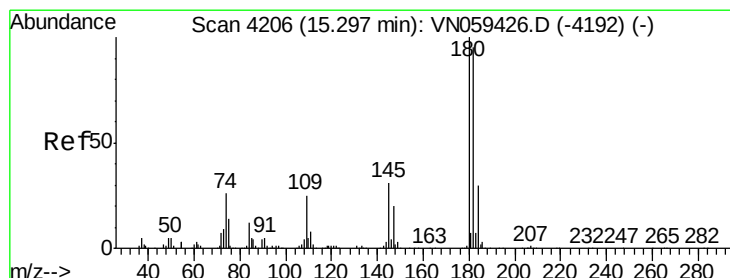
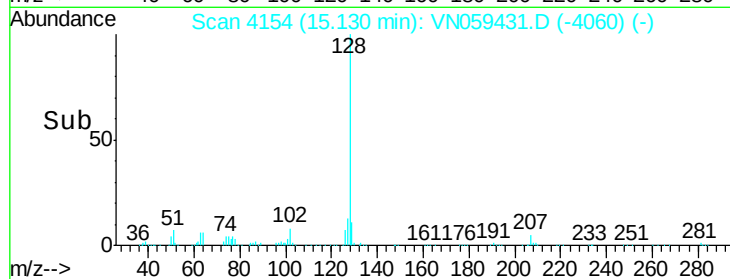
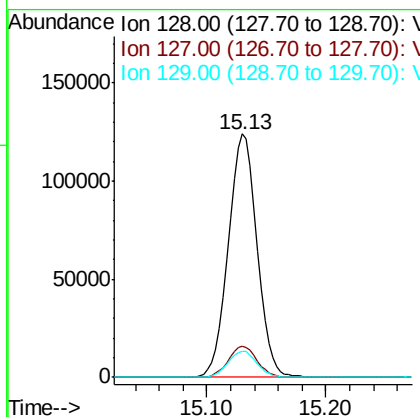
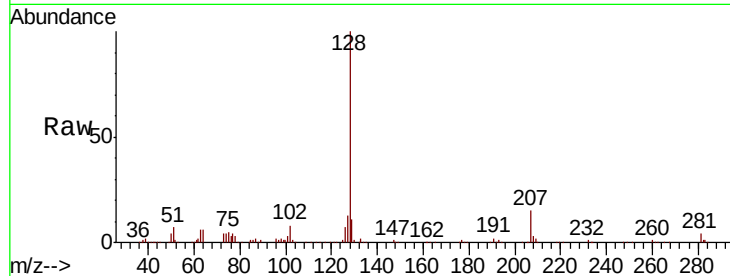
#95
Naphthalene
Concen: 22.797 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tot Ion:	128	Resp:	207351
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	12.8

Manual Integrations
APPROVED

apatel
12/2/2019 10:09:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.983 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059431.D
Acq: 27 Nov 2019 19:10

Tgt Ion:	180	Resp:	79225
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.5	142.6
145	32.5	15.7	47.1

