

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059430.D
 Acq On : 27 Nov 2019 18:48
 Operator : JC/SP
 Sample : VN1127WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 03:13:37 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	354217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	555683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	497171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	205940	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.57	113	166456	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.08	98	667025	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	231429	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89630	21.499	ug/l	99
3) Chloromethane	2.04	50	106237	20.861	ug/l	100
4) Vinyl Chloride	2.17	62	100804	20.599	ug/l	100
5) Bromomethane	2.55	94	60843	20.650	ug/l	100
6) Chloroethane	2.68	64	56747	20.682	ug/l	94
7) Trichlorofluoromethane	3.00	101	121834	20.902	ug/l	97
8) Diethyl Ether	3.39	74	48745	20.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	73672	20.522	ug/l	99
10) Methyl Iodide	3.93	142	90966	19.468	ug/l	99
11) Tert butyl alcohol	4.76	59	79905	111.164	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	73270	20.841	ug/l	96
13) Acrolein	3.58	56	60066	85.604	ug/l	98
14) Allyl chloride	4.30	41	131720	20.201	ug/l	98
15) Acrylonitrile	4.96	53	218320	108.999	ug/l	100
16) Acetone	3.79	43	237072	119.932	ug/l	99
17) Carbon Disulfide	4.03	76	230352	19.093	ug/l	99
18) Methyl Acetate	4.30	43	111635	20.738	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	238533	21.055	ug/l	100
20) Methylene Chloride	4.52	84	83327	20.746	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	77791	20.309	ug/l	99
22) Diisopropyl ether	5.92	45	252454	20.835	ug/l	94
23) Vinyl Acetate	5.87	43	1054225	107.843	ug/l	100
24) 1,1-Dichloroethane	5.82	63	145490	20.869	ug/l	99
25) 2-Butanone	6.81	43	311282	114.469	ug/l	100
26) 2,2-Dichloropropane	6.80	77	121859	20.539	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	85734	20.465	ug/l	99
28) Bromochloromethane	7.18	49	53419	18.734	ug/l	98
29) Tetrahydrofuran	7.19	42	199608	110.367	ug/l	100
30) Chloroform	7.35	83	137412	19.587	ug/l	100
31) Cyclohexane	7.63	56	140946	20.167	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	117888	20.548	ug/l	98
36) 1,1-Dichloropropene	7.77	75	108800	20.360	ug/l	100
37) Ethyl Acetate	6.90	43	122039	21.586	ug/l	98
38) Carbon Tetrachloride	7.76	117	103764	20.576	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	132652	20.750	ug/l	100
40) Benzene	8.02	78	326406	20.572	ug/l	99
41) Methacrylonitrile	7.16	41	47900m	18.195	ug/l	
42) 1,2-Dichloroethane	8.11	62	104752	20.821	ug/l	100
43) Isopropyl Acetate	8.15	43	180935	21.066	ug/l	99
44) Trichloroethene	8.82	130	83774	20.707	ug/l	100
45) 1,2-Dichloropropane	9.11	63	85180	20.525	ug/l	97
46) Dibromomethane	9.20	93	53017	20.701	ug/l	99
47) Bromodichloromethane	9.39	83	104279	20.131	ug/l	99
48) Methyl methacrylate	9.19	41	79019	20.737	ug/l	99
49) 1,4-Dioxane	9.19	88	25701	461.810	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	565001	113.411	ug/l	99
52) Toluene	10.15	92	196068	20.685	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	121868	20.475	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	132945	20.691	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76197	20.537	ug/l	99
56) Ethyl methacrylate	10.42	69	112913	22.405	ug/l	99
57) 1,3-Dichloropropane	10.70	76	129985	20.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	205150	129.051	ug/l	99
59) 2-Hexanone	10.75	43	424011	114.778	ug/l	99
60) Dibromochloromethane	10.90	129	79762	20.595	ug/l	97
61) 1,2-Dibromoethane	11.00	107	79348	20.871	ug/l	99
64) Tetrachloroethene	10.63	164	76519	20.808	ug/l	97
65) Chlorobenzene	11.43	112	204512	20.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	74391	20.381	ug/l	99
67) Ethyl Benzene	11.51	91	366304	20.720	ug/l	100
68) m/p-Xylenes	11.62	106	273856	41.490	ug/l	100
69) o-Xylene	11.95	106	130036	20.542	ug/l	98
70) Styrene	11.96	104	206304	22.053	ug/l	99
71) Bromoform	12.13	173	57011	20.513	ug/l #	98
73) Isopropylbenzene	12.25	105	351565	21.004	ug/l	100
74) N-amyl acetate	12.07	43	135675	23.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	115237	21.112	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	115235m	22.545	ug/l	
77) Bromobenzene	12.53	156	84634	20.653	ug/l	99
78) n-propylbenzene	12.59	91	403756	20.933	ug/l	100
79) 2-Chlorotoluene	12.68	91	240864	20.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	296141	21.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40885	20.553	ug/l	97
82) 4-Chlorotoluene	12.78	91	243414	20.516	ug/l	100
83) tert-Butylbenzene	13.00	119	251523	20.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	291197	21.128	ug/l	99
85) sec-Butylbenzene	13.17	105	338860	21.122	ug/l	100
86) p-Isopropyltoluene	13.29	119	306797	21.153	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	149020	20.520	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	146506	20.094	ug/l	98
89) n-Butylbenzene	13.62	91	250878	19.788	ug/l	100
90) Hexachloroethane	13.88	117	55536	20.034	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	145718	20.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23991	25.695	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:56:05 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81474	18.419	ug/l	99
94) Hexachlorobutadiene	15.01	225	52718	19.447	ug/l	99
95) Naphthalene	15.13	128	210741	22.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	81288	22.217	ug/l	98

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

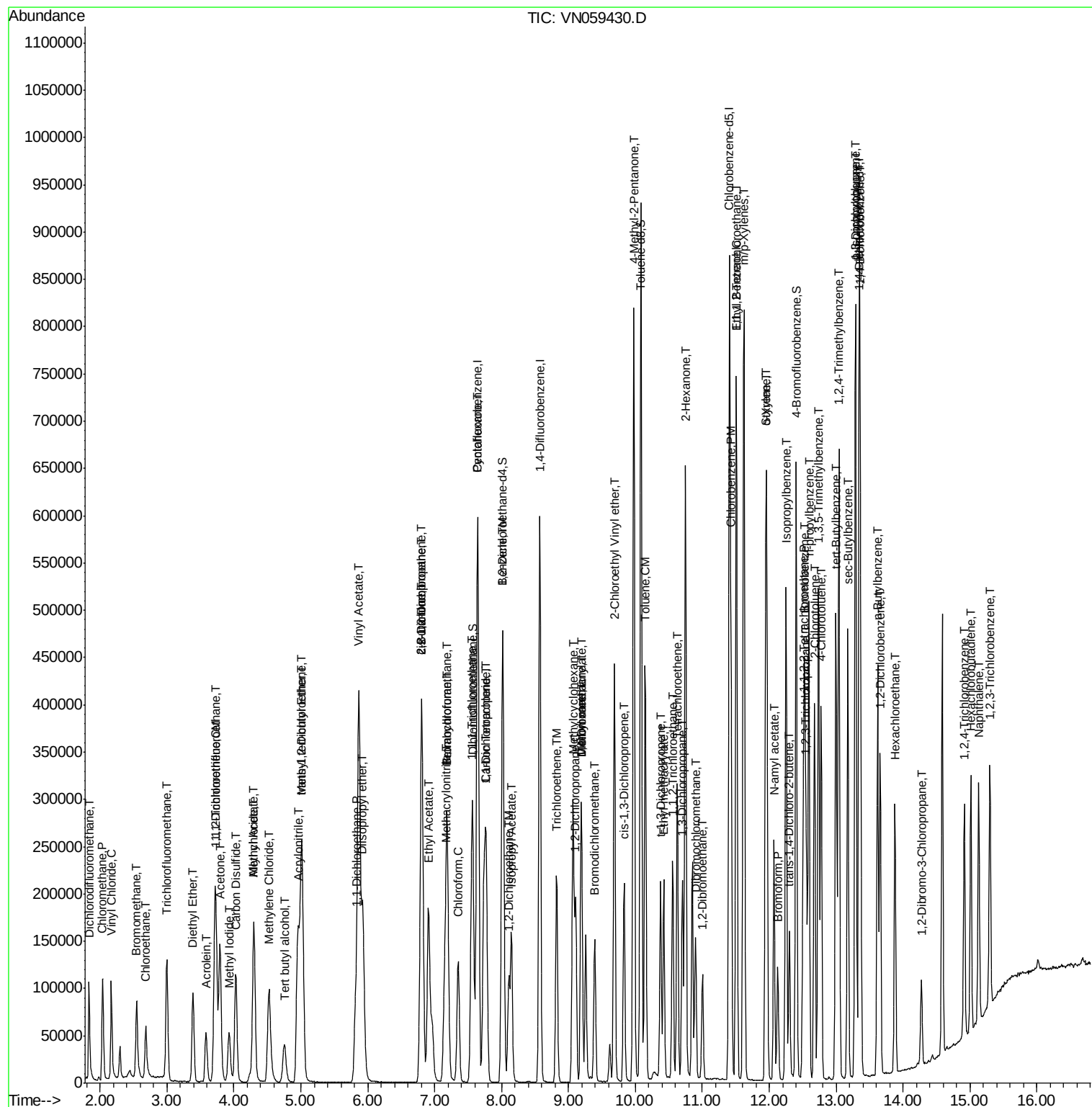
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Data File : VN059430.D
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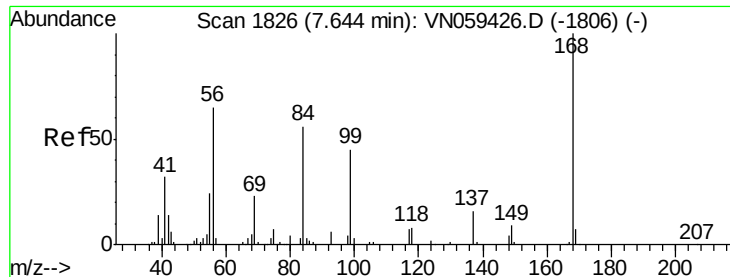
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion:168 Resp: 354217

Ion Ratio Lower Upper

168 100

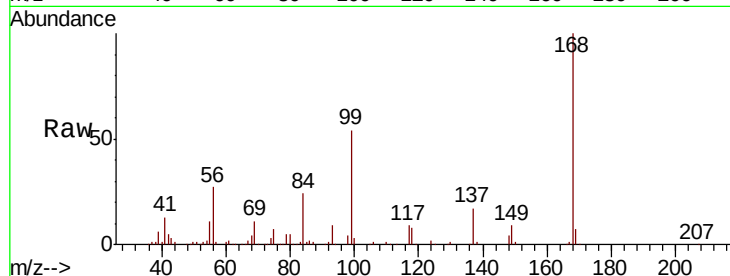
99 54.4 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

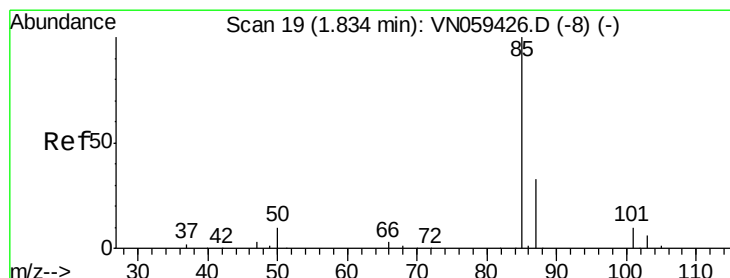
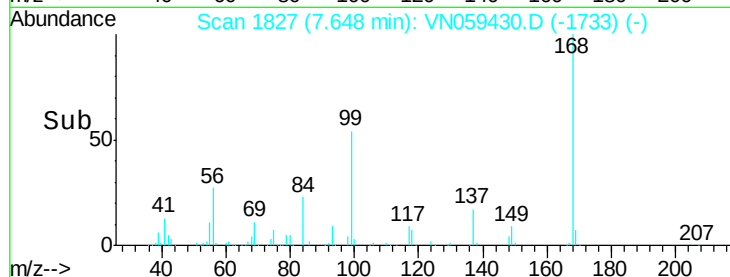
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.499 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059430.D

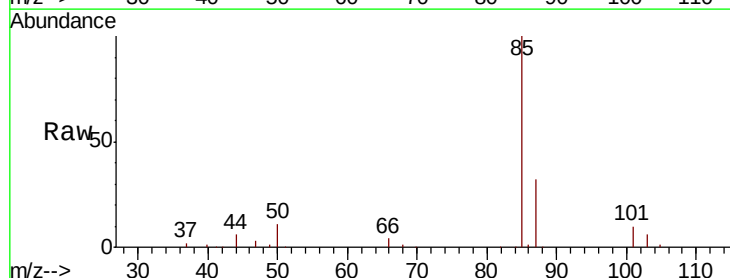
Acq: 27 Nov 2019 18:48

Tgt Ion: 85 Resp: 89630

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

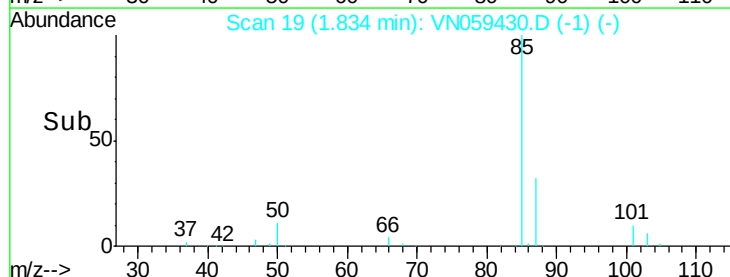
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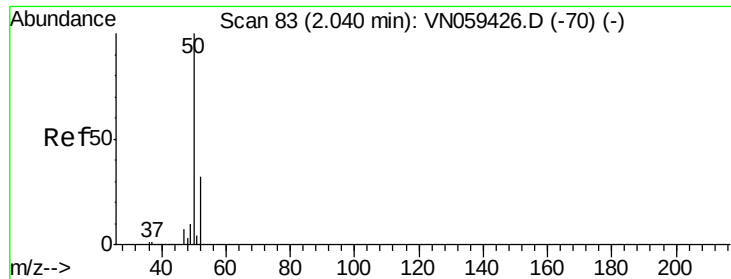
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 20.861 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion: 50 Resp: 106237

Ion Ratio Lower Upper

50 100

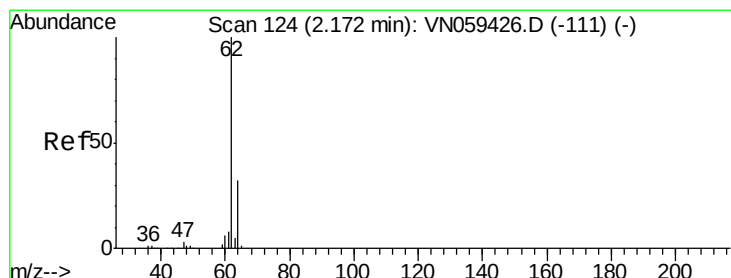
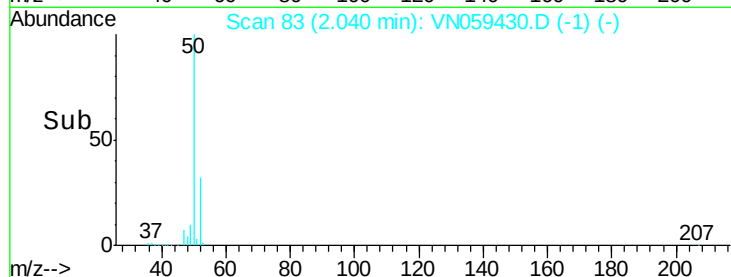
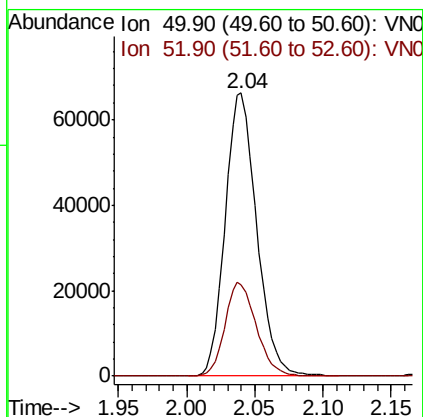
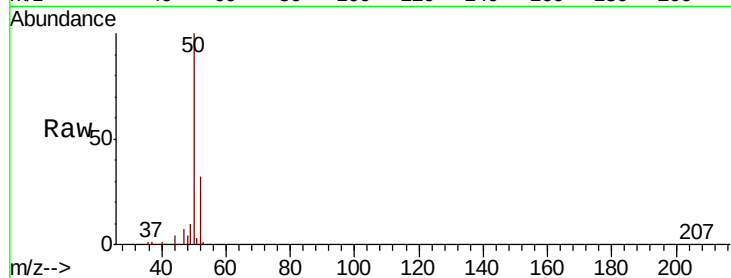
52 32.2 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.599 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059430.D

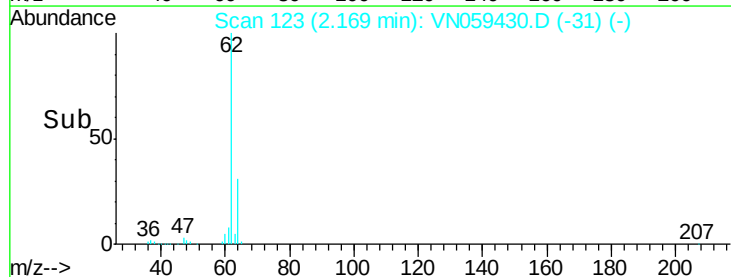
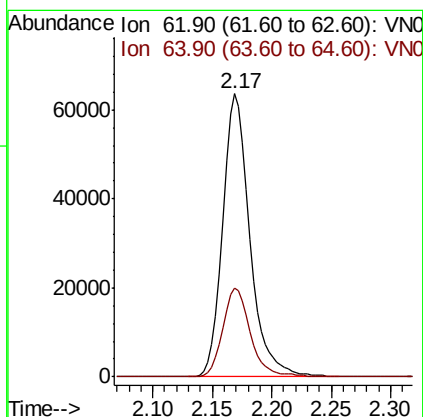
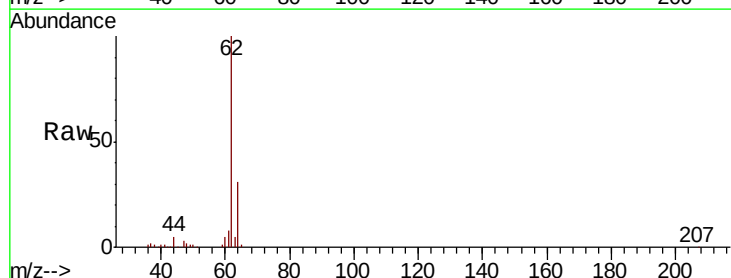
Acq: 27 Nov 2019 18:48

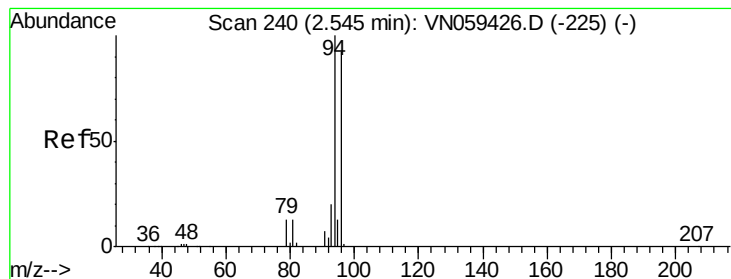
Tgt Ion: 62 Resp: 100804

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 20.650 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 60843

Ion Ratio Lower Upper

94 100

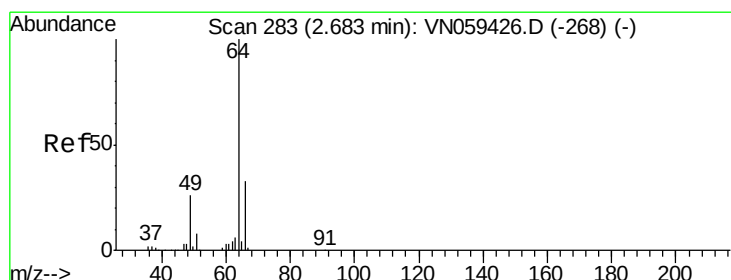
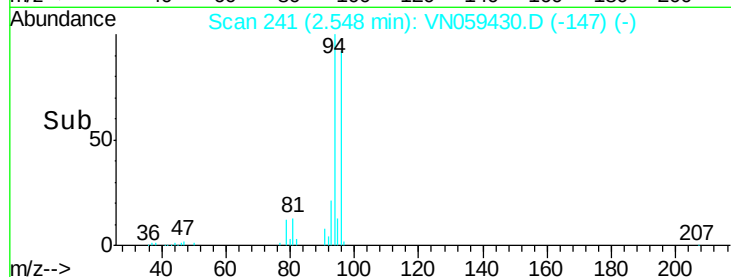
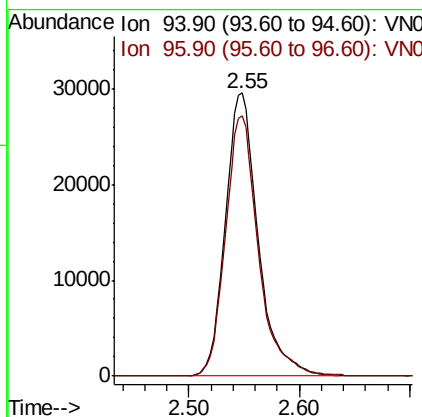
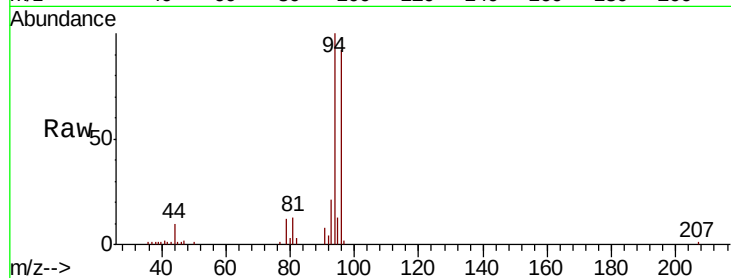
96 92.2 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 20.682 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059430.D

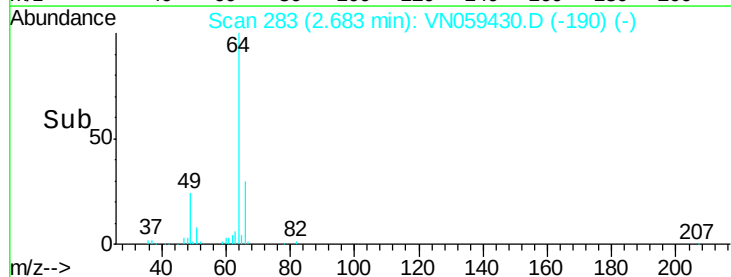
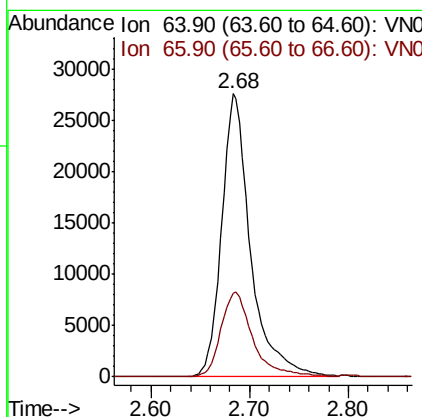
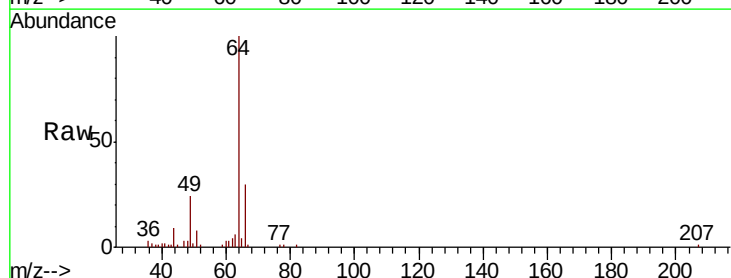
Acq: 27 Nov 2019 18:48

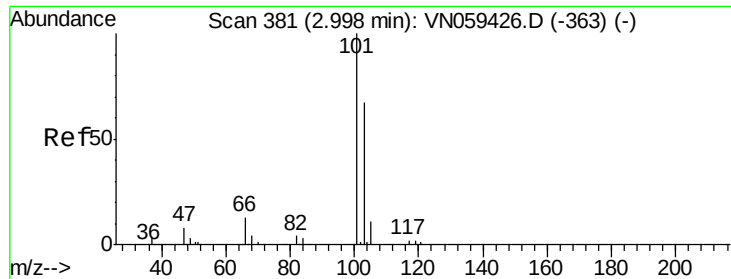
Tgt Ion: 64 Resp: 56747

Ion Ratio Lower Upper

64 100

66 29.6 26.5 39.7





#7

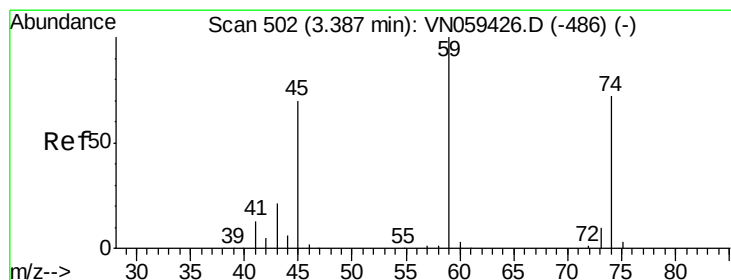
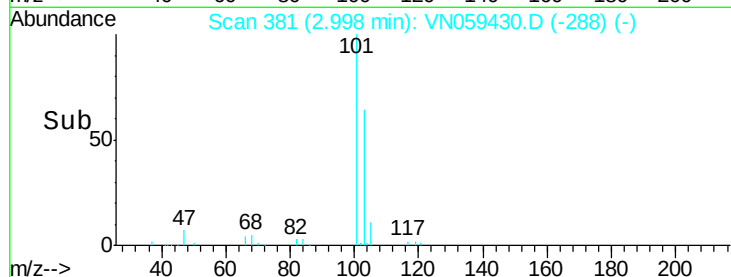
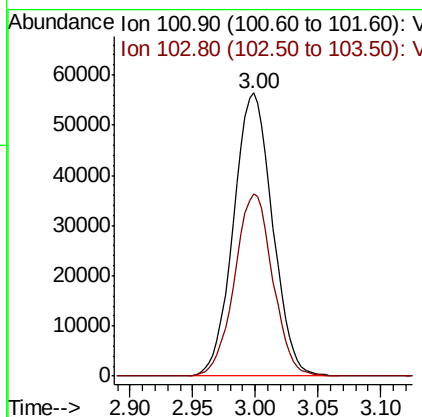
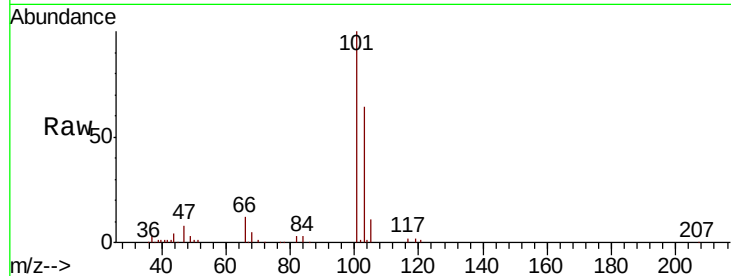
Trichlorofluoromethane
Concen: 20.902 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
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ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.6	80.4

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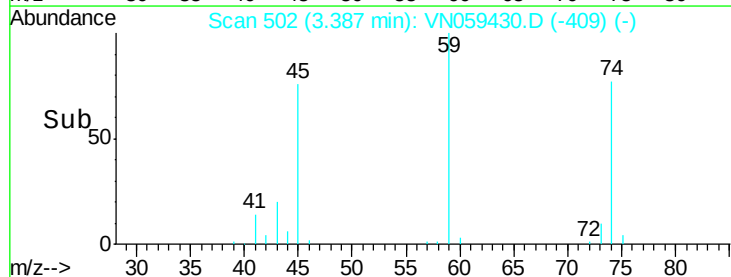
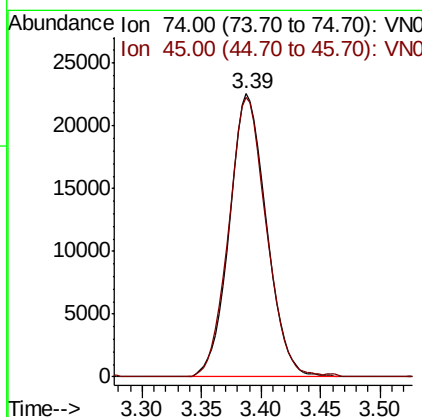
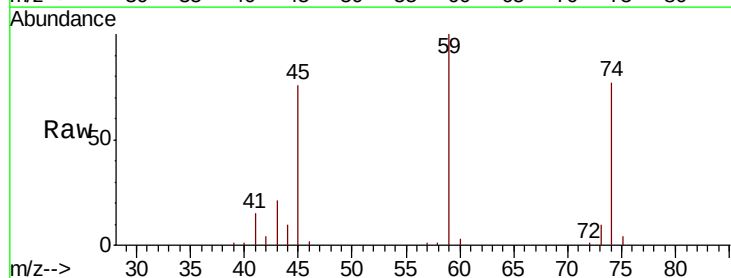
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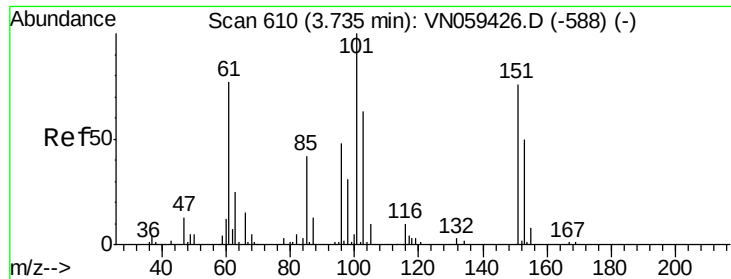


#8

Diethyl Ether
Concen: 20.548 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.522 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059430.D

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Instrument :

MSVOA_N

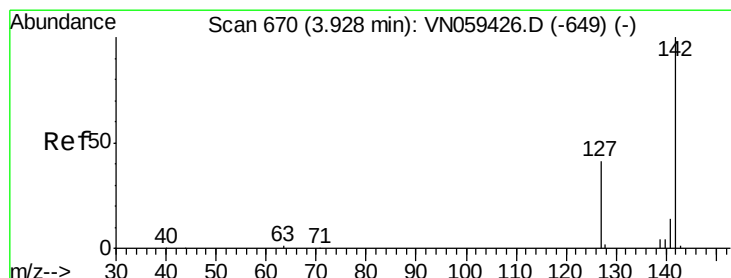
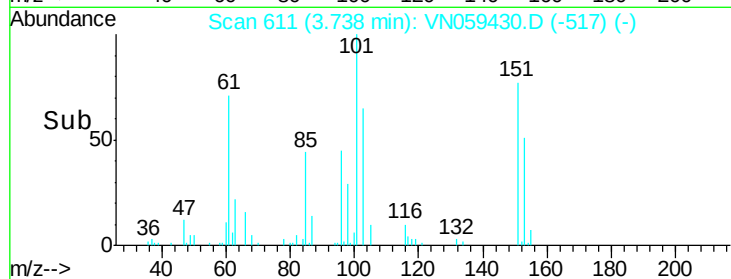
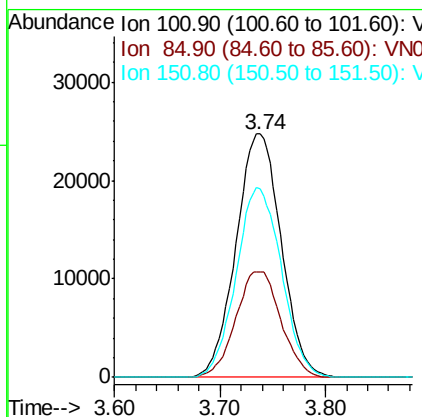
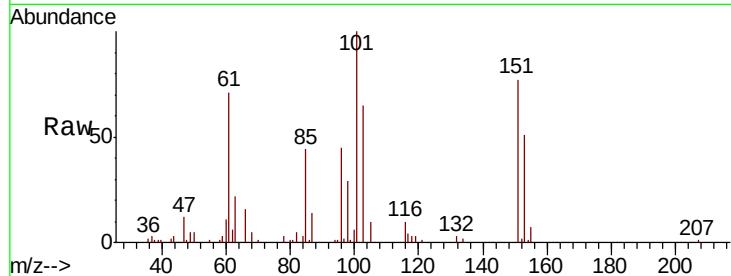
ClientSampleId :

VN1127WBS01

Tot Ion:	101	Resp:	73672
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.2
151	78.0	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.468 ug/l

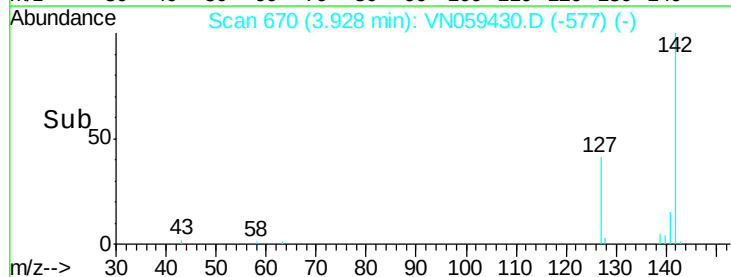
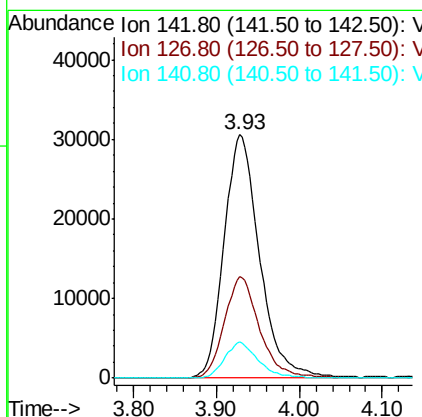
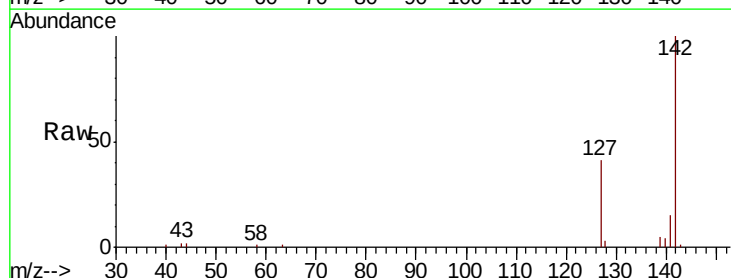
RT: 3.93 min Scan# 670

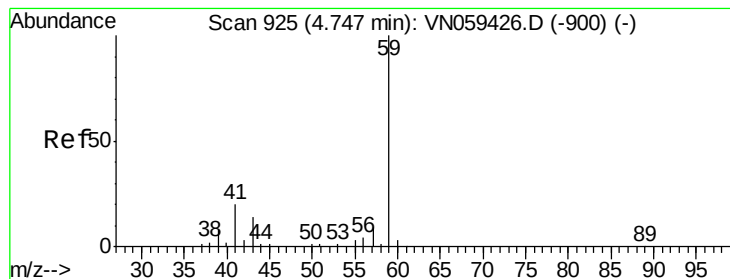
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	142	Resp:	90966
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.6	48.8
141	13.9	11.1	16.7





#11

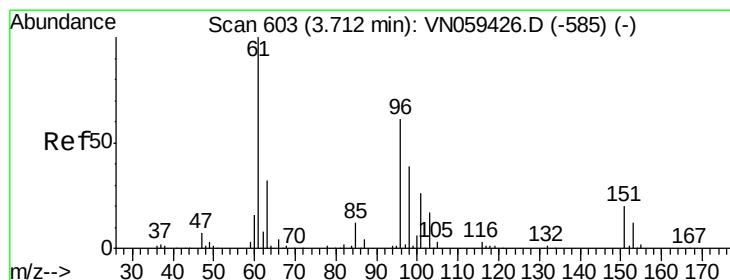
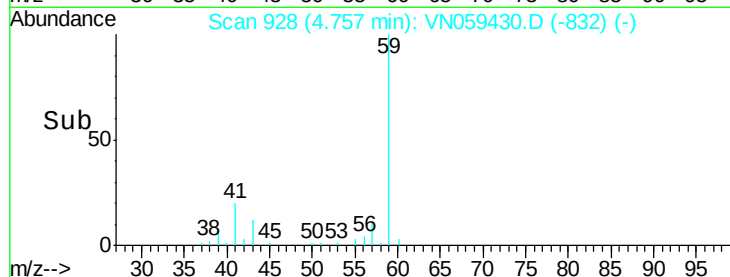
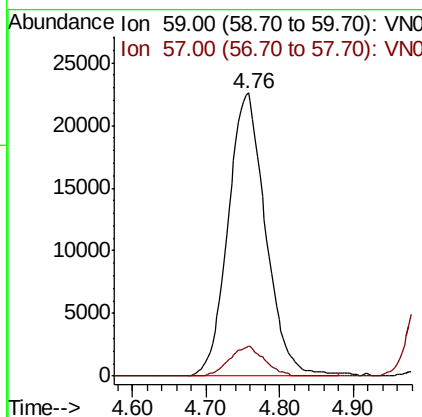
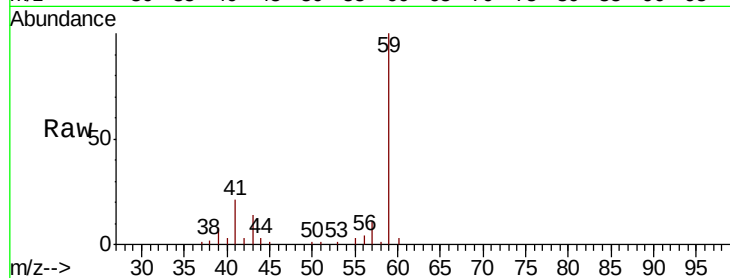
Tert butyl alcohol
Concen: 111.164 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.01 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampled :
VN1127WBS01

Tot Ion	59	57	Ratio	100	9.8	Resp	79905	Lower	3.8	Upper	5.8#
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Manual Integrations
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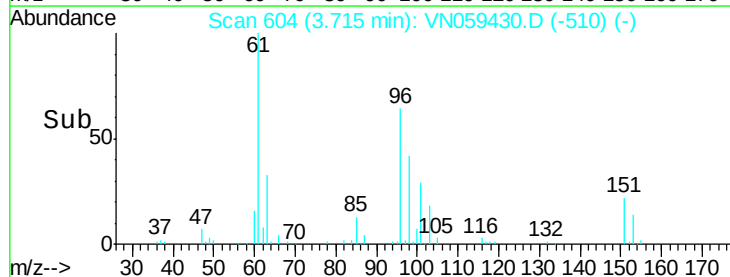
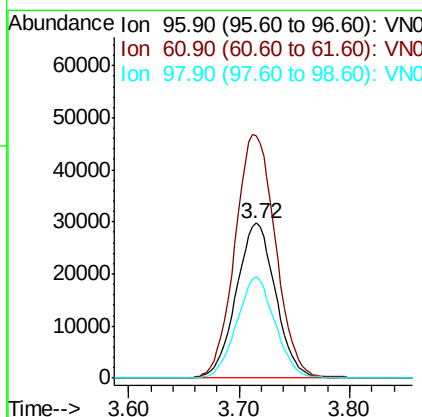
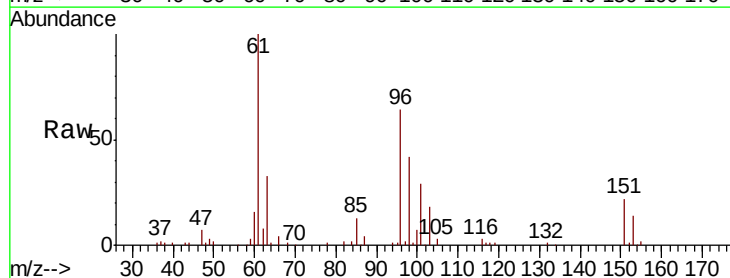
apatel
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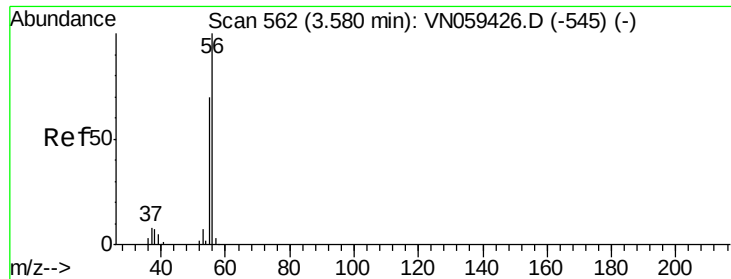


#12

1,1-Dichloroethene
Concen: 20.841 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	96	61	98	Ratio	100	156.2	65.4	Resp	73270	Lower	130.5	51.3	Upper	195.7	76.9
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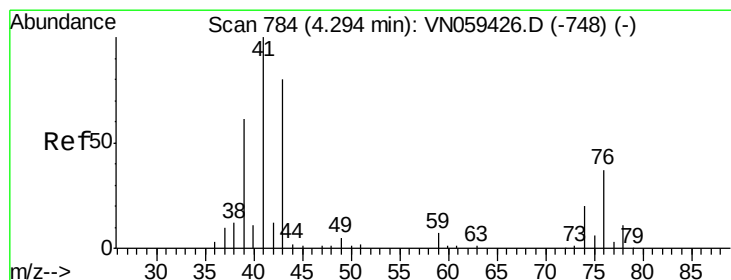
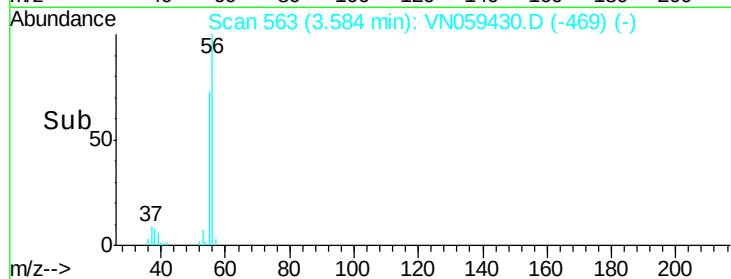
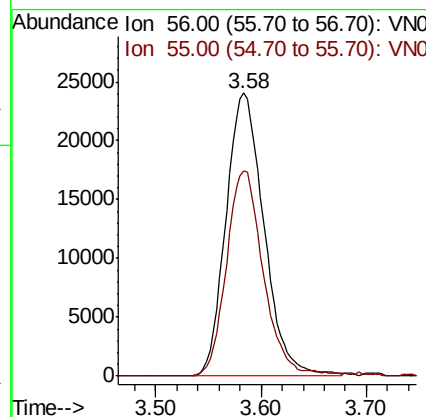
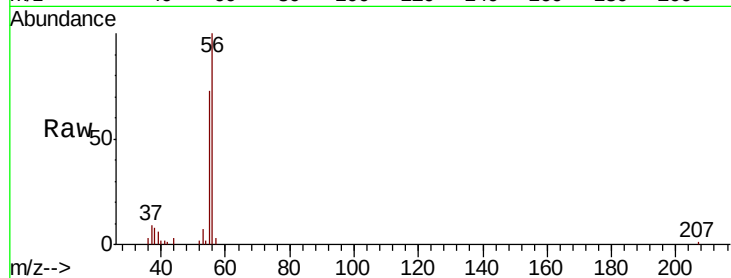
#13
Acrolein
Concen: 85.604 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	56	Resp	60066
Ion Ratio	100	Lower	Upper
55	70.2	57.8	86.6

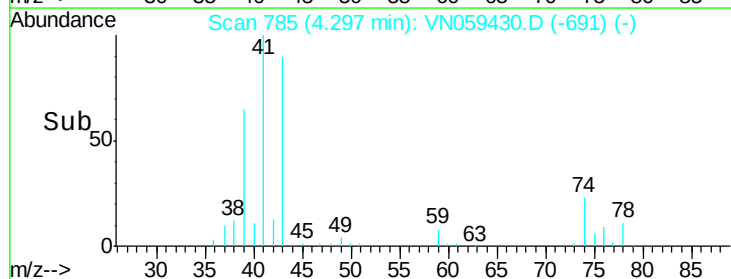
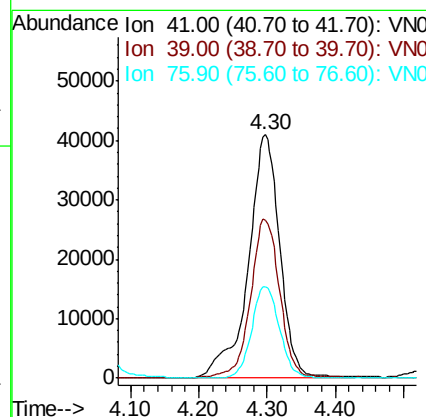
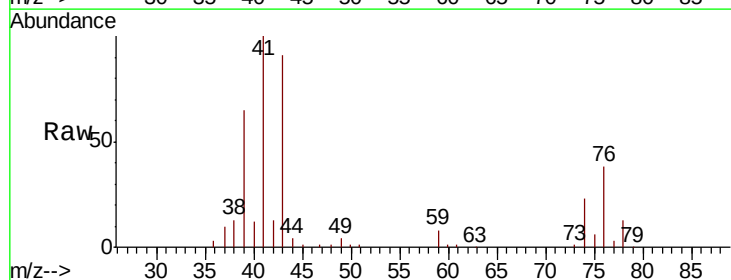
Manual Integrations
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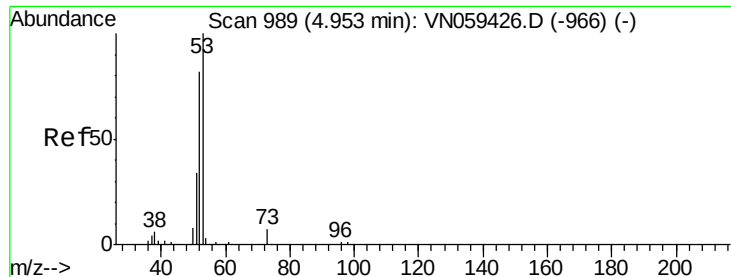
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#14
Allyl chloride
Concen: 20.201 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	41	Resp	131720
Ion Ratio	100	Lower	Upper
39	60.5	46.5	69.7
76	33.1	26.8	40.2





#15

Acrylonitrile

Concen: 108.999 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

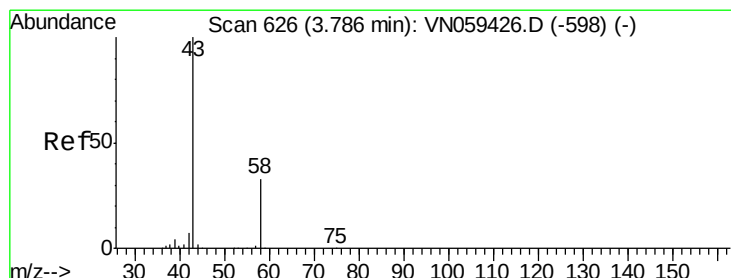
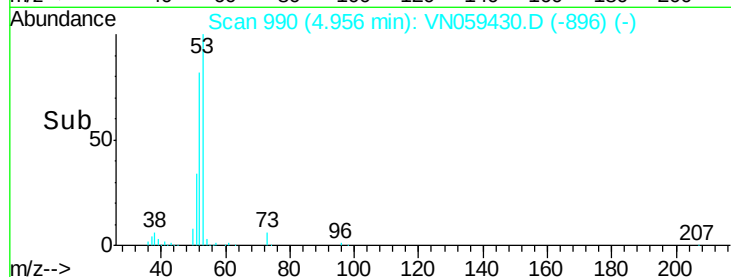
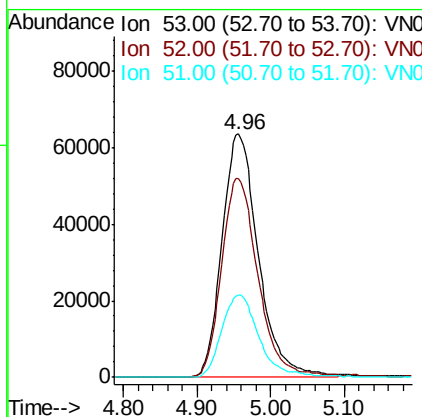
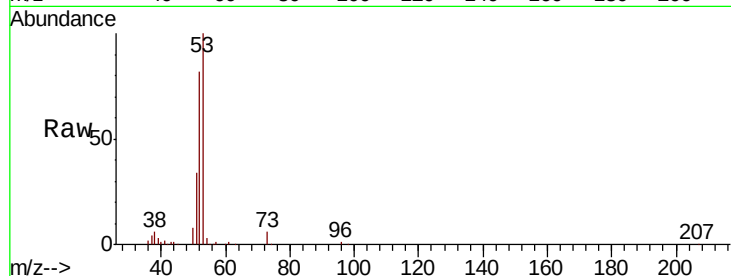
ClientSampleId :

VN1127WBS01

Tot Ion:	53	Resp:	218320
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.1	97.7
51	34.8	27.8	41.8

Manual Integrations
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#16

Acetone

Concen: 119.932 ug/l

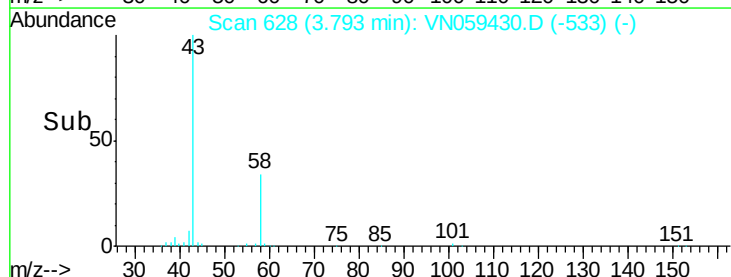
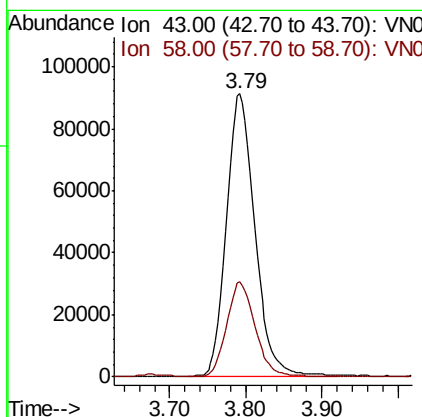
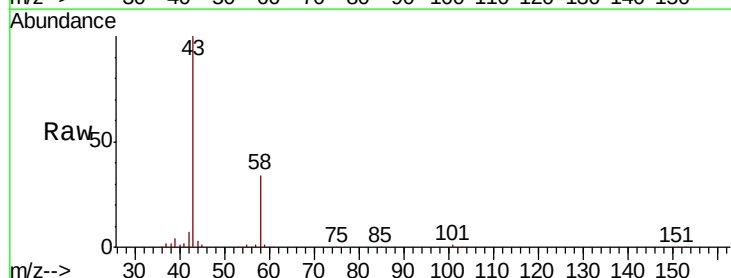
RT: 3.79 min Scan# 628

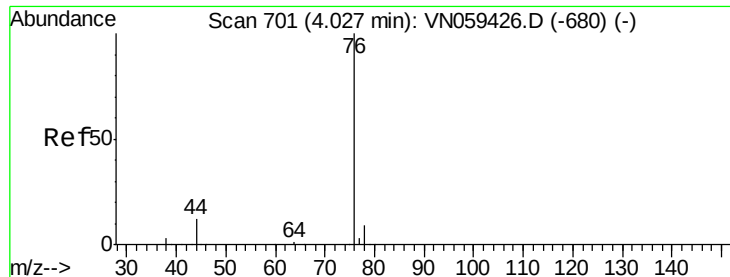
Delta R.T. 0.01 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	43	Resp:	237072
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.6	39.8





#17

Carbon Disulfide

Concen: 19.093 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion: 76 Resp: 230352

Ion Ratio Lower Upper

76 100

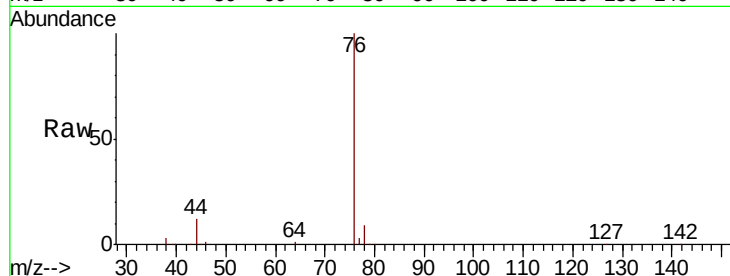
78 8.9 7.4 11.0

Manual Integrations

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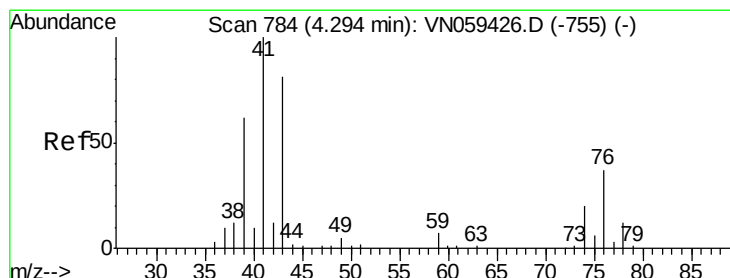
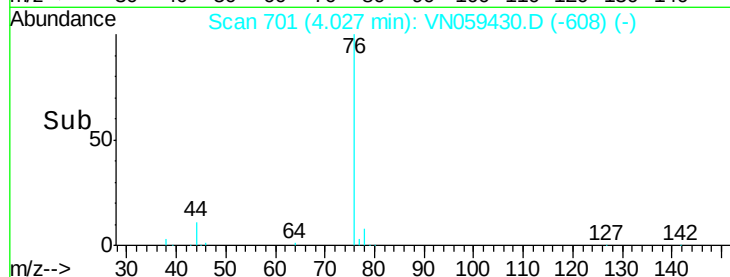
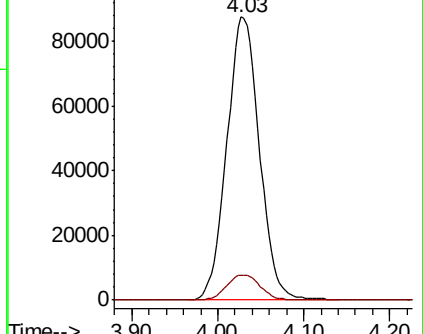
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 20.738 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059430.D

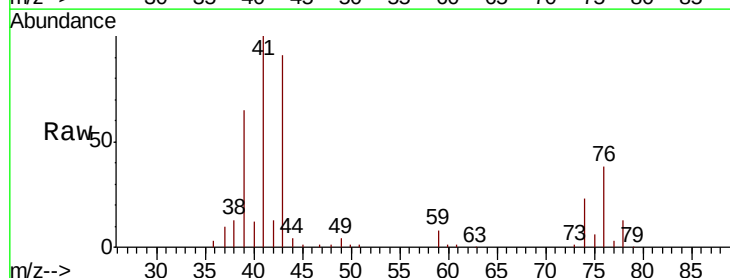
Acq: 27 Nov 2019 18:48

Tgt Ion: 43 Resp: 111635

Ion Ratio Lower Upper

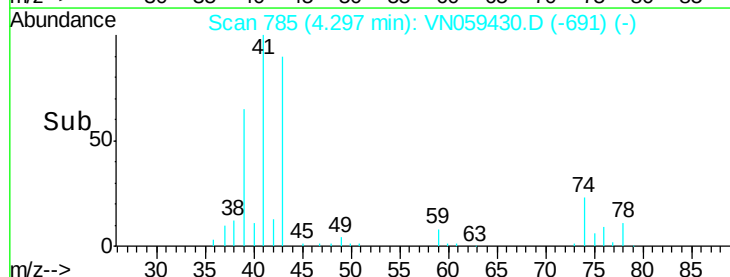
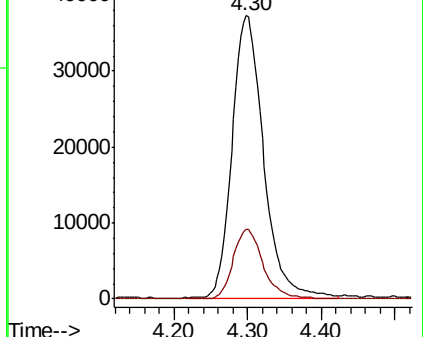
43 100

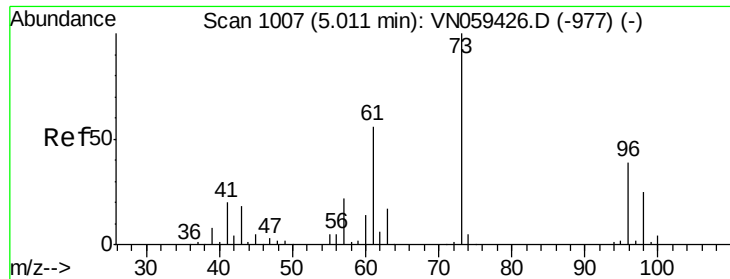
74 23.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





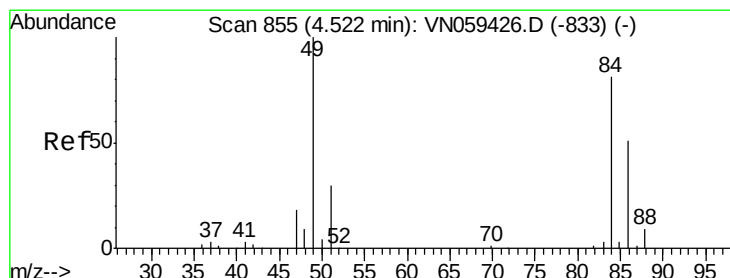
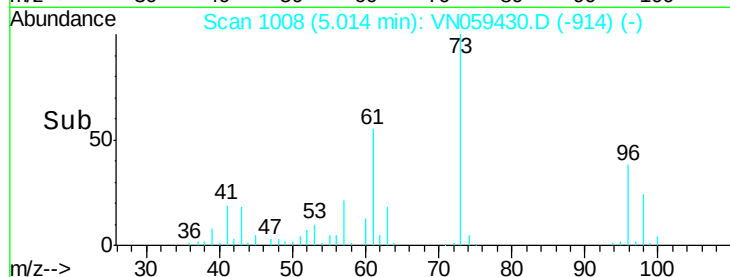
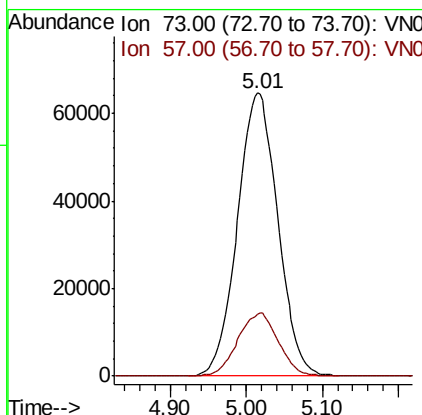
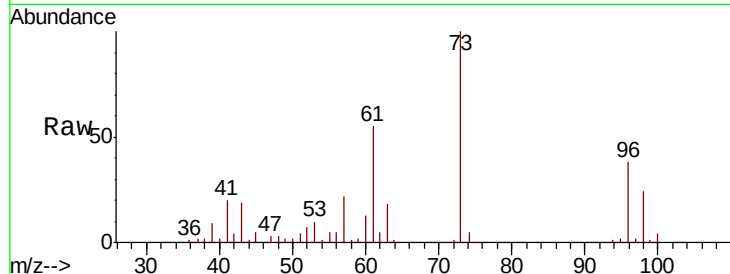
#19
Methyl tert-butyl Ether
Concen: 21.055 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion: 73 Resp: 238533
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

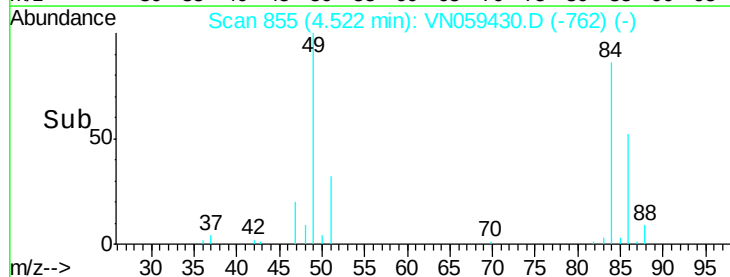
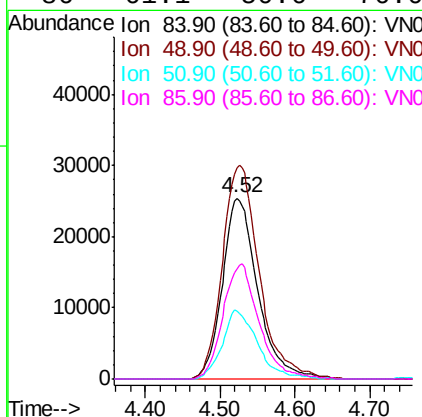
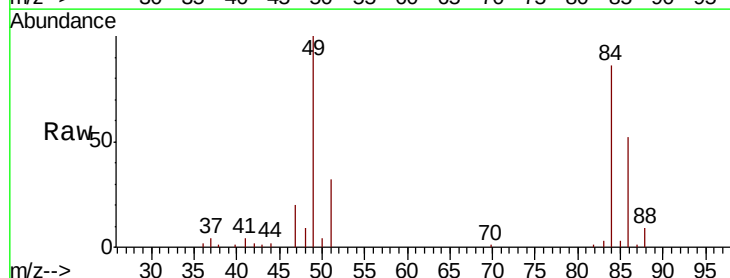
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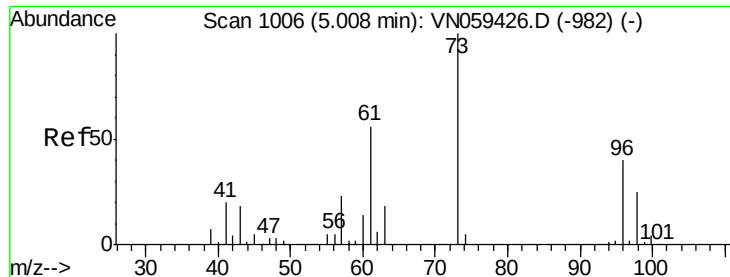
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#20
Methylene Chloride
Concen: 20.746 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion: 84 Resp: 83327
Ion Ratio Lower Upper
84 100
49 116.9 98.6 148.0
51 37.5 29.4 44.0
86 61.1 50.6 76.0





#21

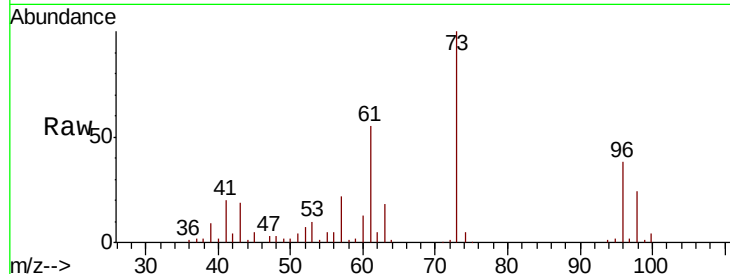
trans-1,2-Dichloroethene
Concen: 20.309 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.01 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	114.0	171.0
98	63.0	50.5	75.7

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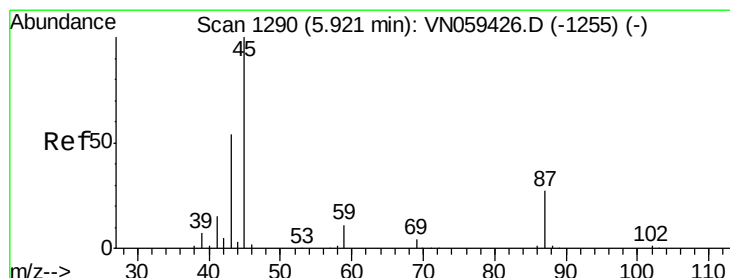
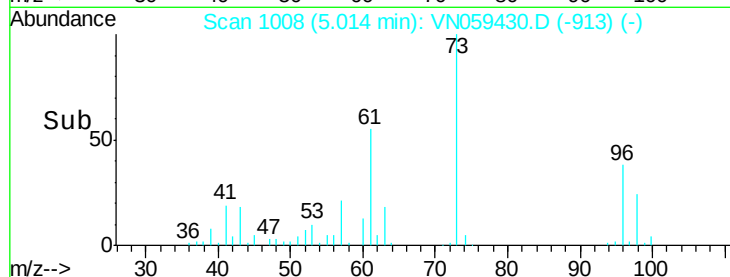
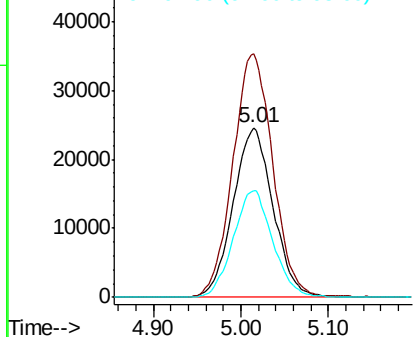


Abundance

Ion 95.90 (95.60 to 96.60): VN059430.D (-913) (-)

Ion 60.90 (60.60 to 61.60): VN059430.D (-913) (-)

Ion 97.90 (97.60 to 98.60): VN059430.D (-913) (-)



#22

Diisopropyl ether
Concen: 20.835 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.8	46.3	69.5
87	27.3	21.8	32.6
59	12.0	9.0	13.4

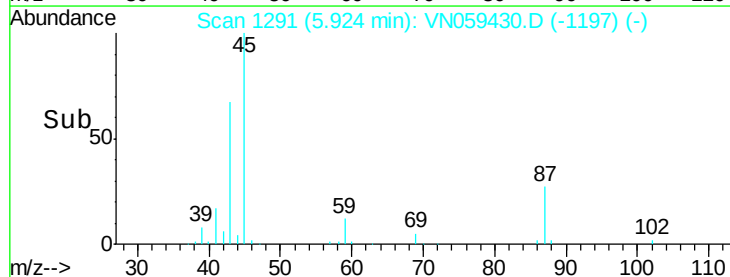
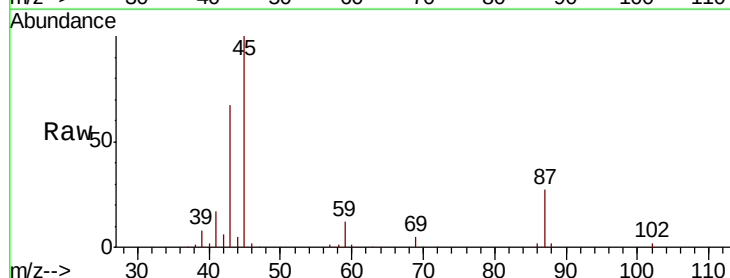
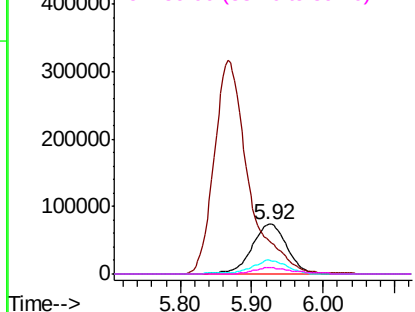
Abundance

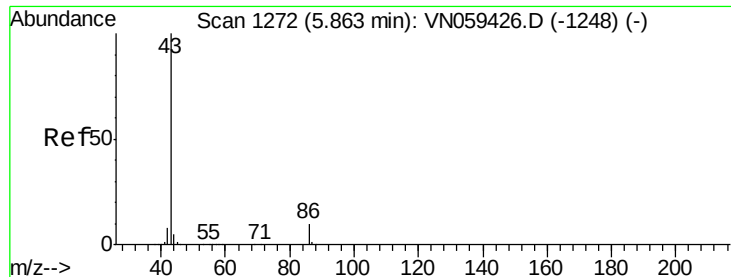
Ion 45.00 (44.70 to 45.70): VN059430.D (-1197) (-)

Ion 43.00 (42.70 to 43.70): VN059430.D (-1197) (-)

Ion 87.00 (86.70 to 87.70): VN059430.D (-1197) (-)

Ion 59.00 (58.70 to 59.70): VN059430.D (-1197) (-)





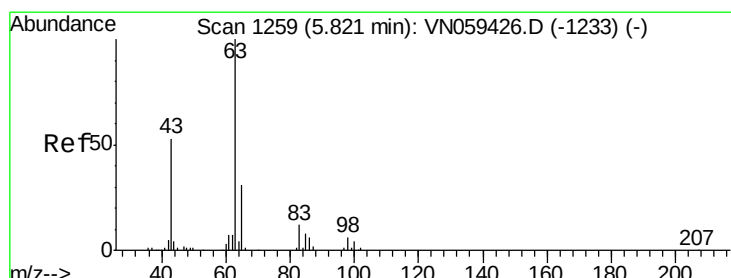
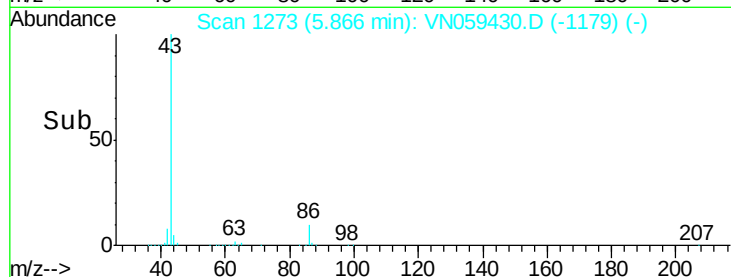
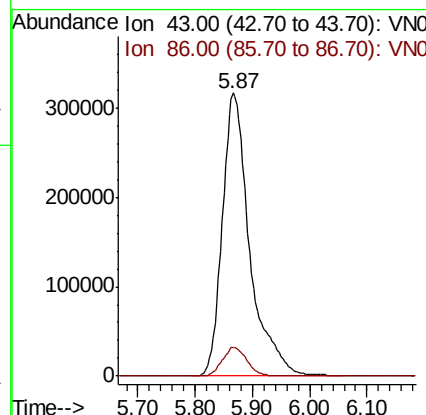
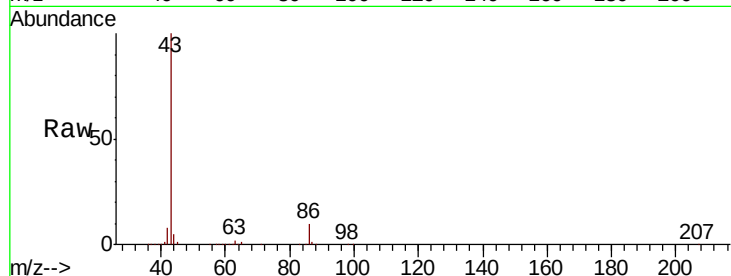
#23
 Vinyl Acetate
 Concen: 107.843 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Tot Ion: 43 Resp: 1054225
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4

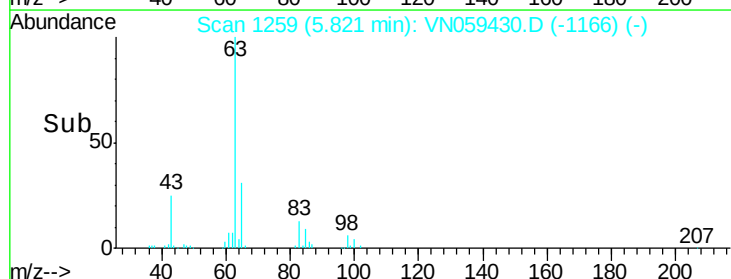
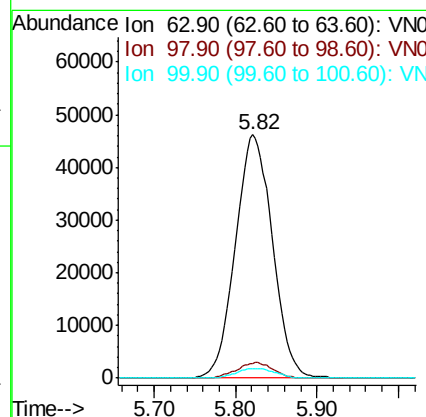
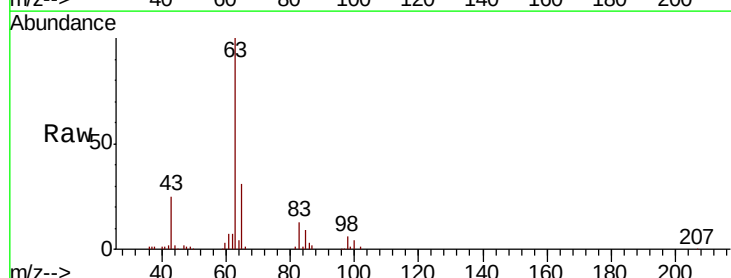
Manual Integrations
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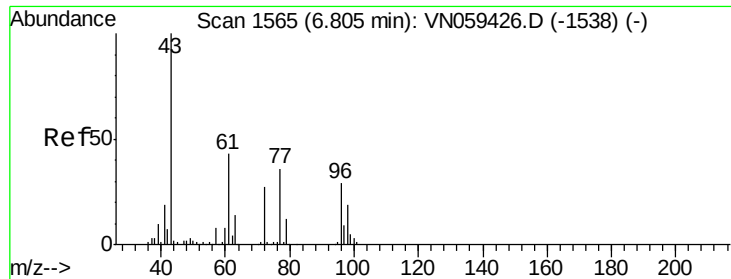
apatel
 12/2/2019 10:09:12 AM



#24
 1,1-Dichloroethane
 Concen: 20.869 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion: 63 Resp: 145490
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.2 9.6
 100 4.0 2.1 6.3





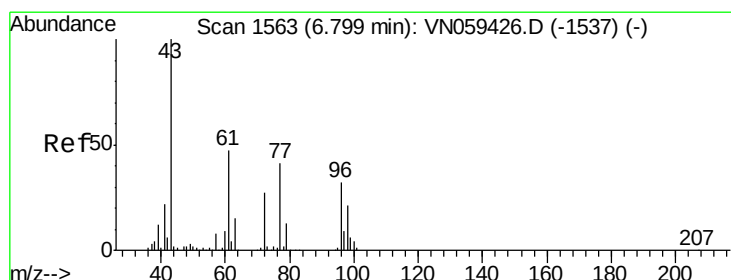
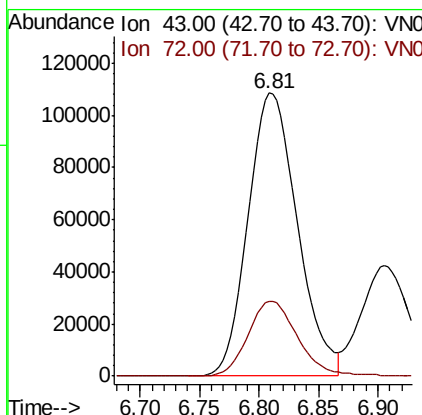
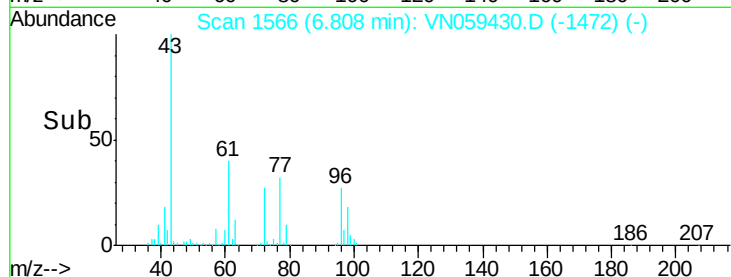
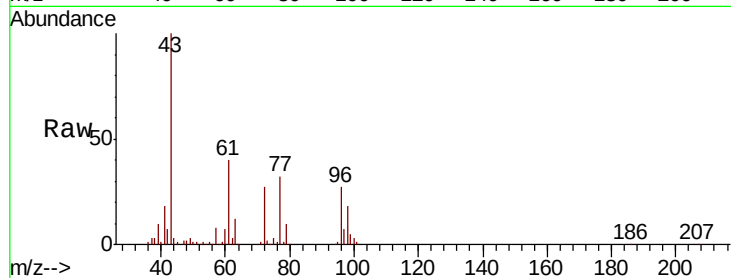
#25
2-Butanone
Concen: 114.469 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion: 43 Resp: 311282
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2

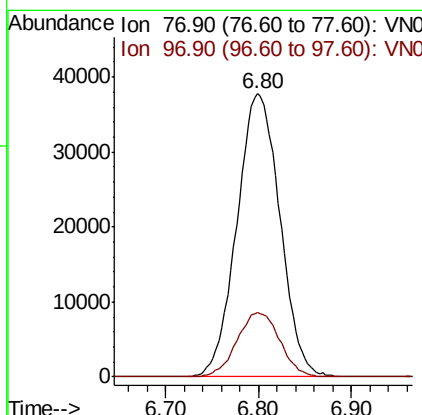
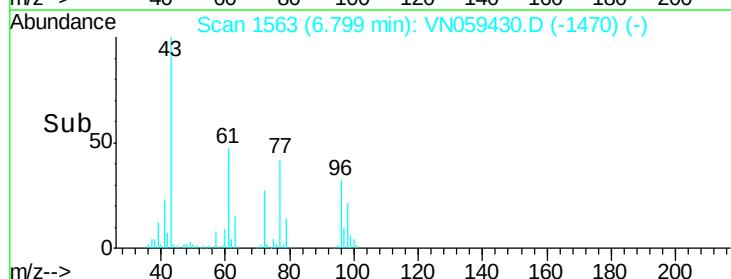
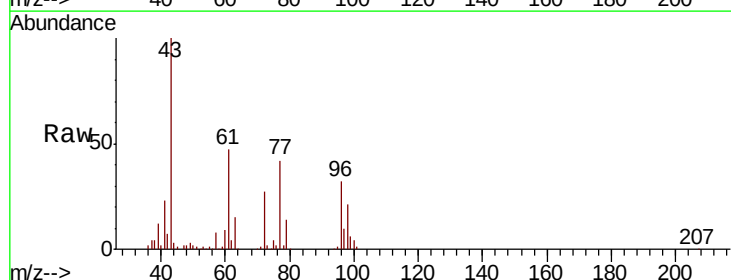
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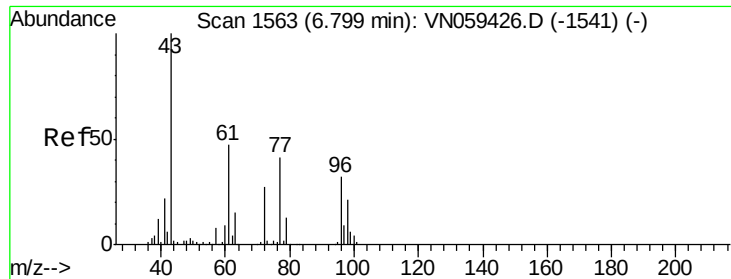
apatel
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#26
2,2-Dichloropropane
Concen: 20.539 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion: 77 Resp: 121859
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.465 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

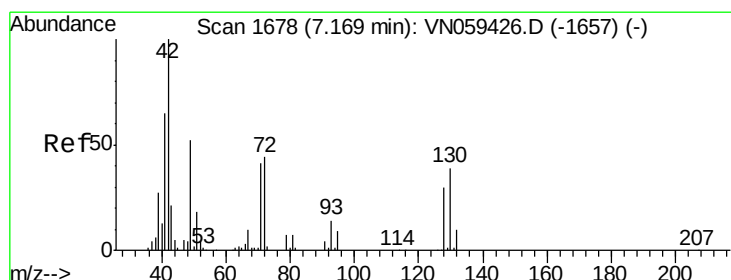
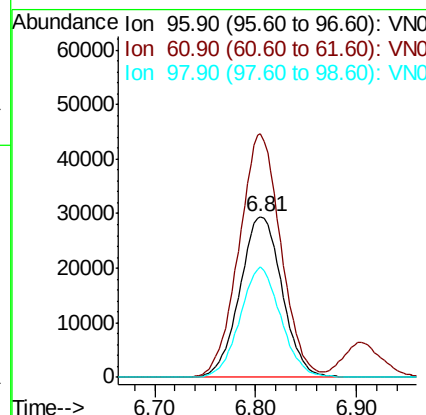
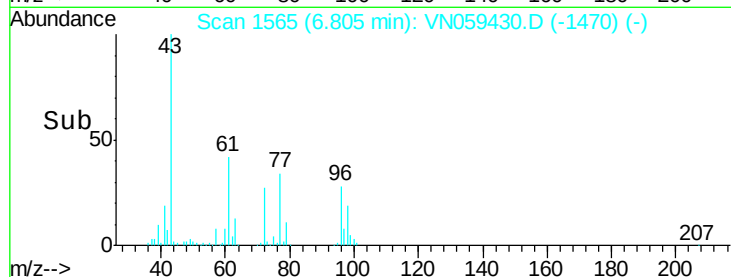
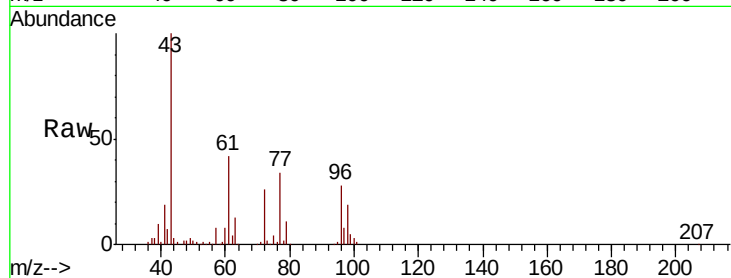
ClientSampleId :

VN1127WBS01

Tot Ion:	96	Resp:	85734
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	297.6
98	65.8	0.0	130.8

Manual Integrations
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#28

Bromochloromethane

Concen: 18.734 ug/l

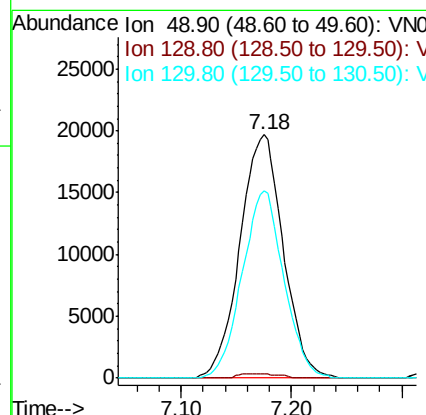
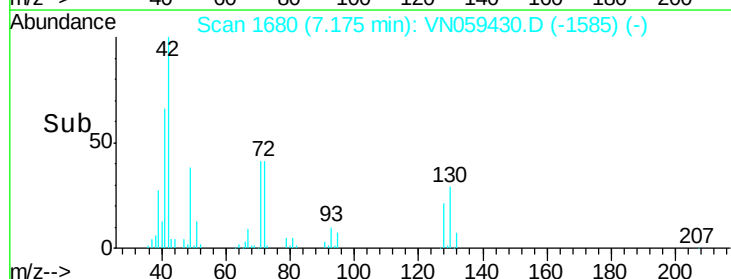
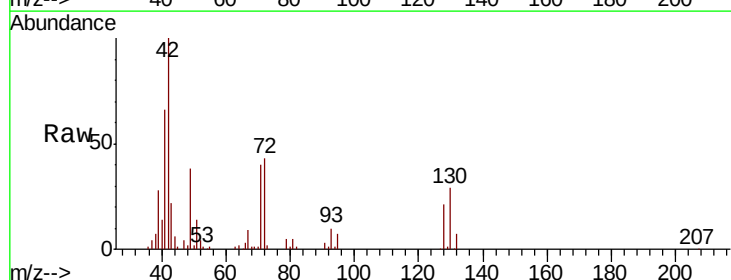
RT: 7.18 min Scan# 1680

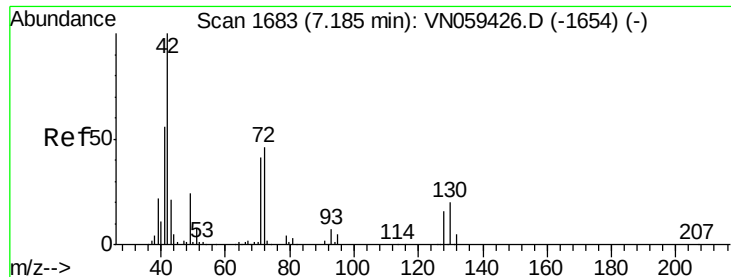
Delta R.T. 0.01 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	49	Resp:	53419
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	74.2	60.5	90.7





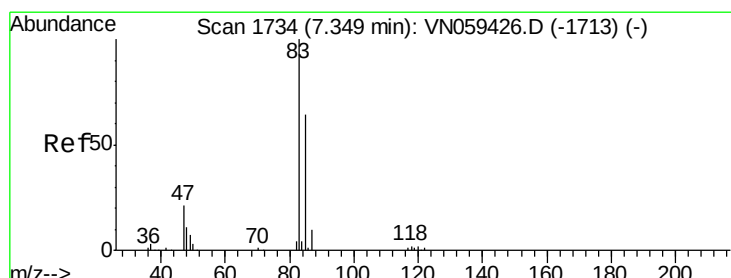
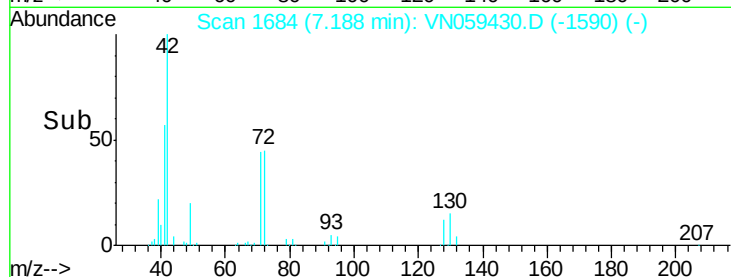
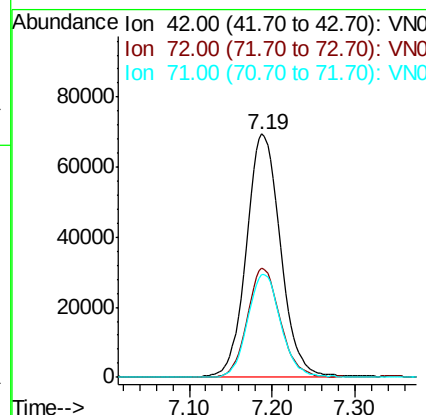
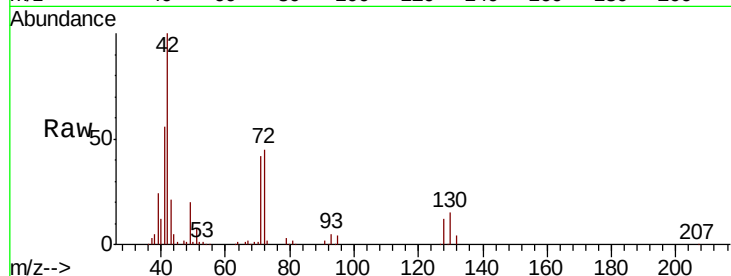
#29
Tetrahydrofuran
Concen: 110.367 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	41.0	33.0	49.6

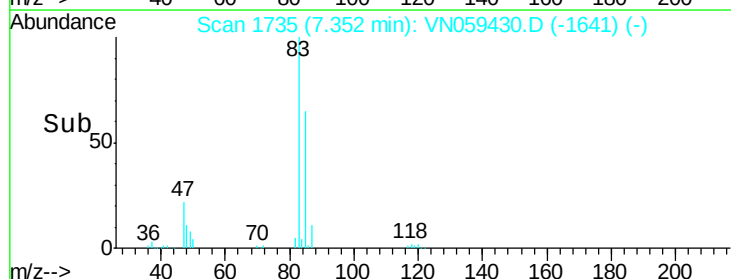
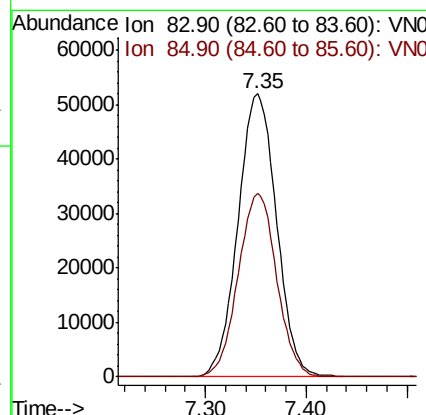
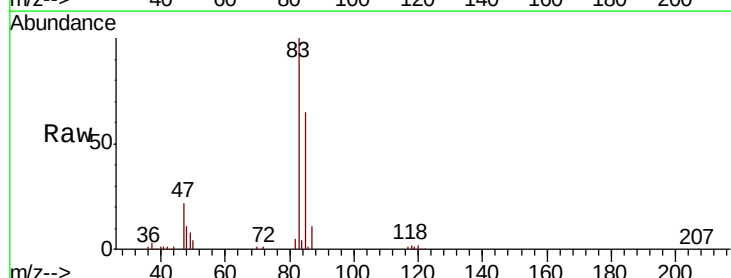
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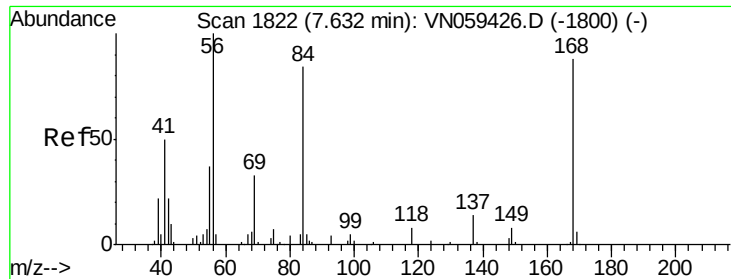
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#30
Chloroform
Concen: 19.587 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





#31

Cyclohexane

Concen: 20.167 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

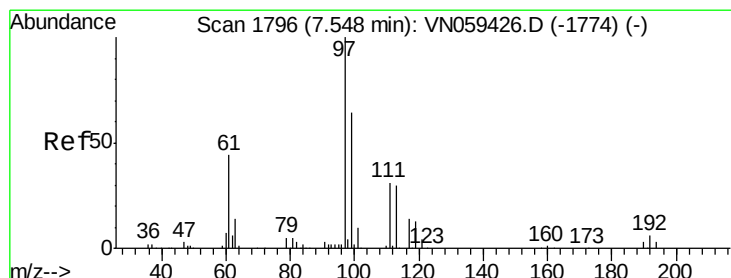
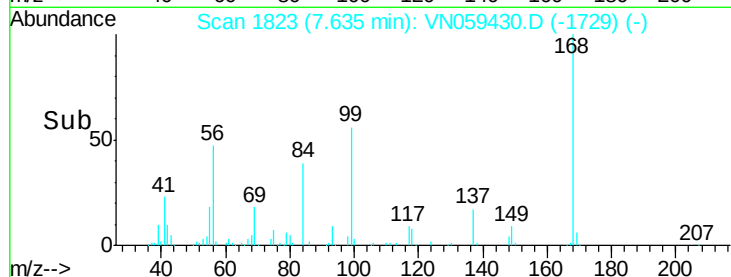
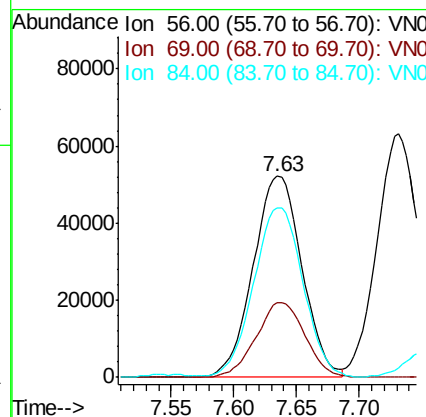
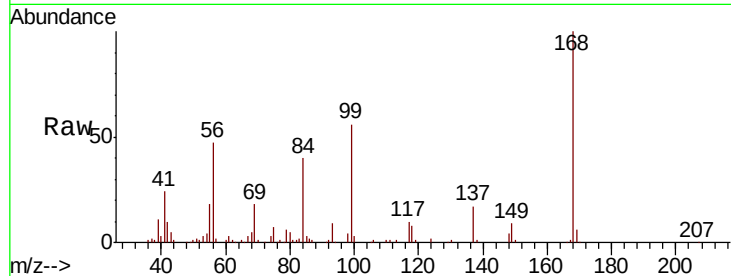
ClientSampled :

VN1127WBS01

Tot Ion:	56	Resp:	140946
Ion Ratio	Lower	Upper	
56	100		
69	37.1	26.4	39.6
84	83.4	67.0	100.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.548 ug/l

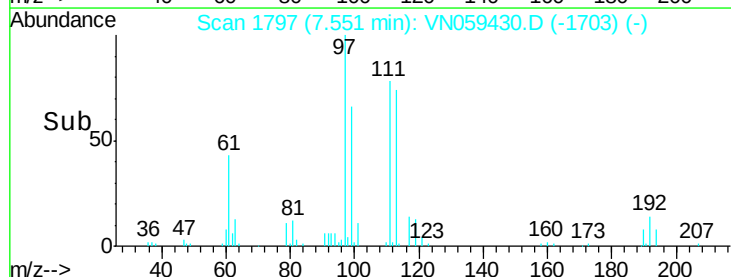
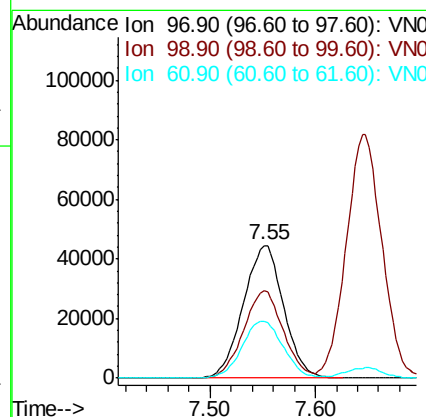
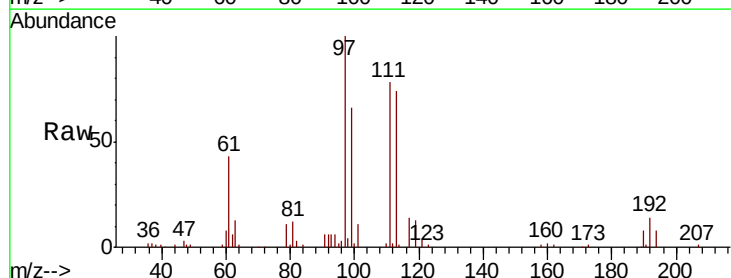
RT: 7.55 min Scan# 1797

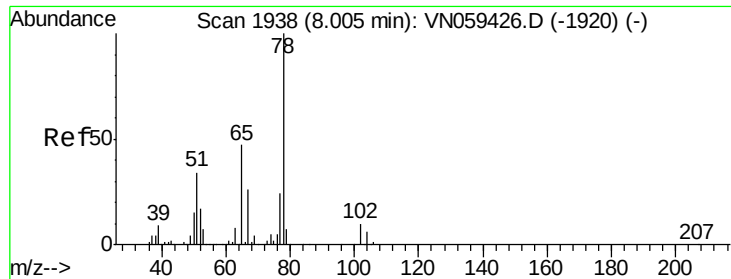
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	97	Resp:	117888
Ion Ratio	Lower	Upper	
97	100		
99	65.5	50.9	76.3
61	43.9	34.3	51.5





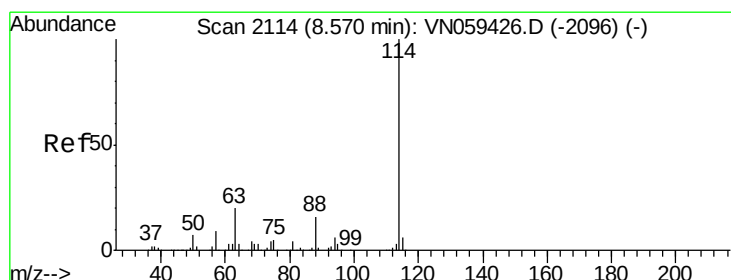
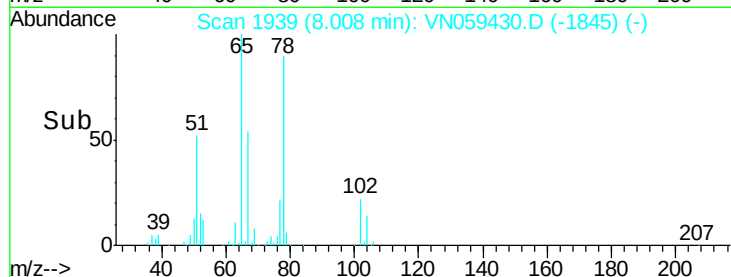
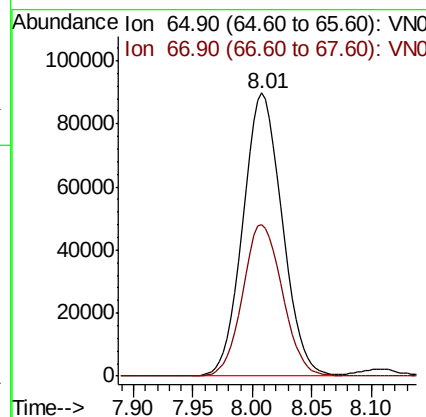
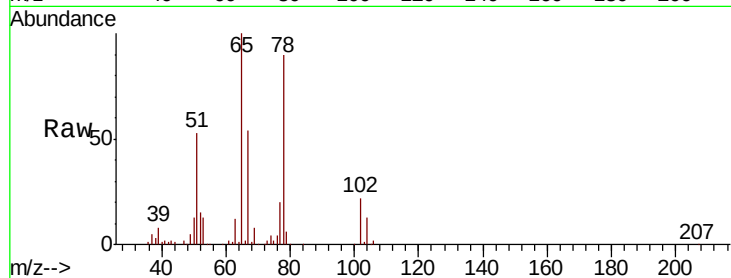
#33
 1,2-Dichloroethane-d4
 Concen: 49.632 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205940		
67	54.2	0.0	111.2	

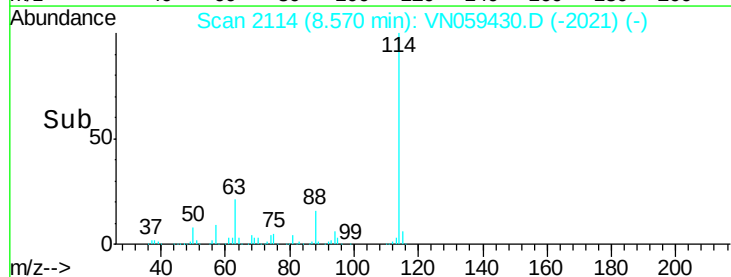
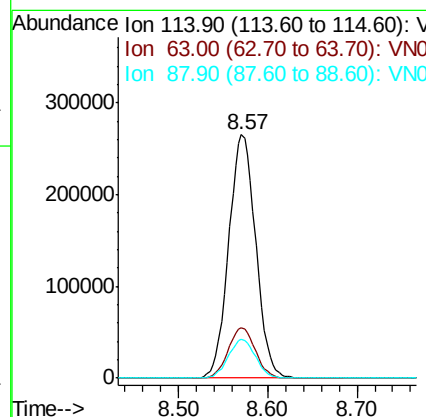
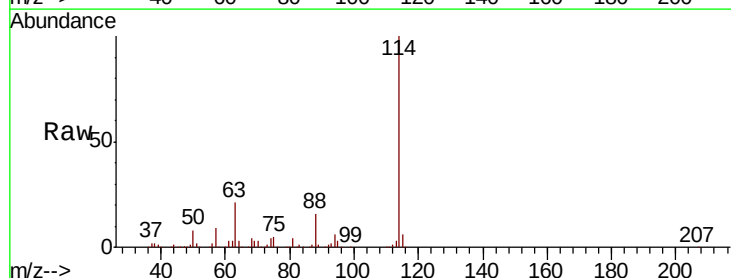
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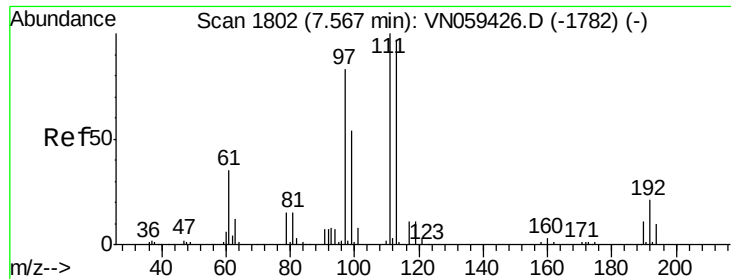
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	555683		
63	20.7	0.0	40.4	
88	15.9	0.0	32.2	





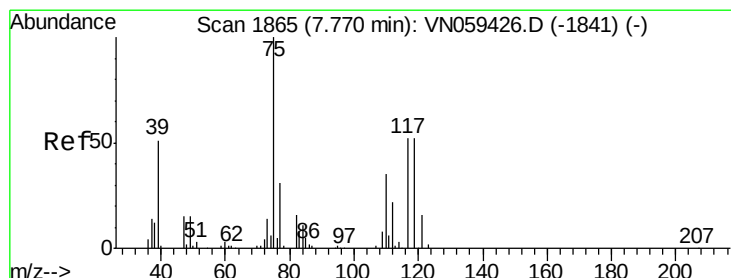
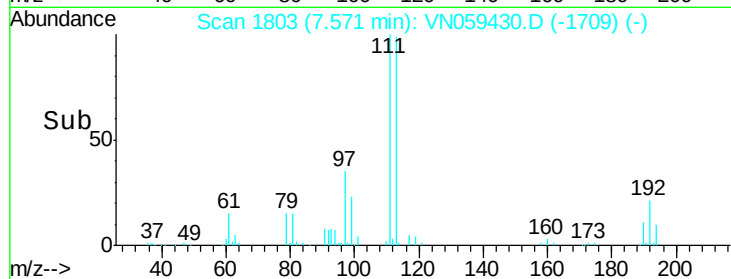
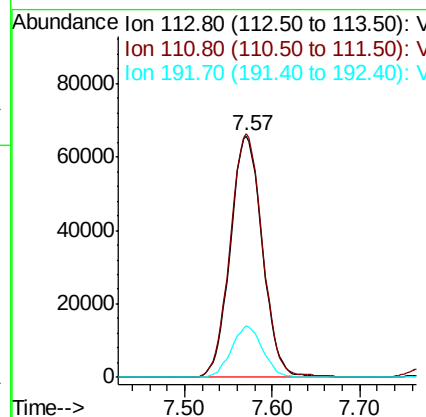
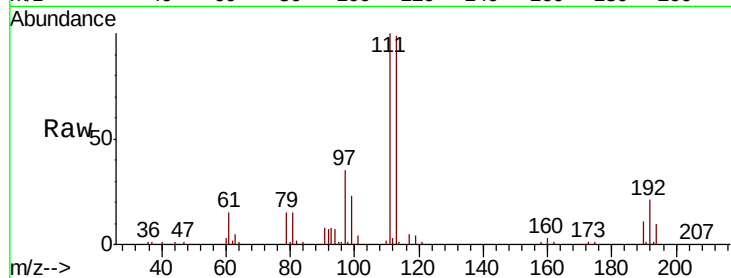
#35
 Dibromofluoromethane
 Concen: 49.178 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166456		
111	101.5	81.9	122.9	
192	20.8	16.6	24.8	

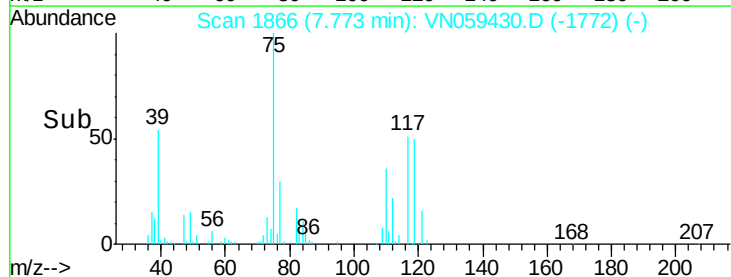
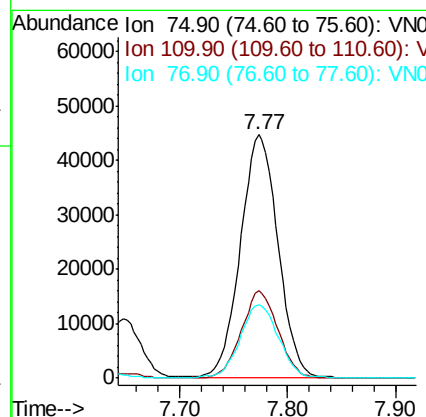
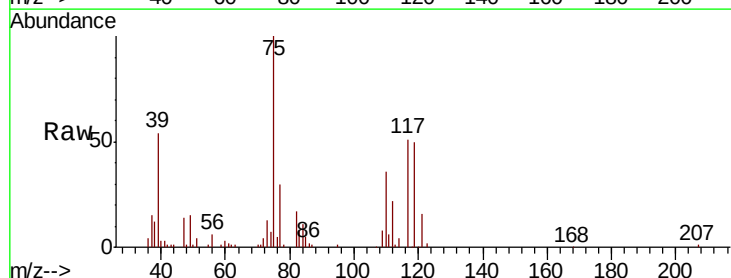
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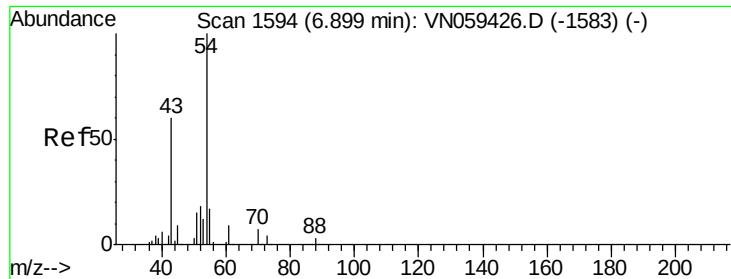
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#36
 1,1-Dichloropropene
 Concen: 20.360 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	108800		
110	34.8	17.3	52.0	
77	30.9	24.9	37.3	





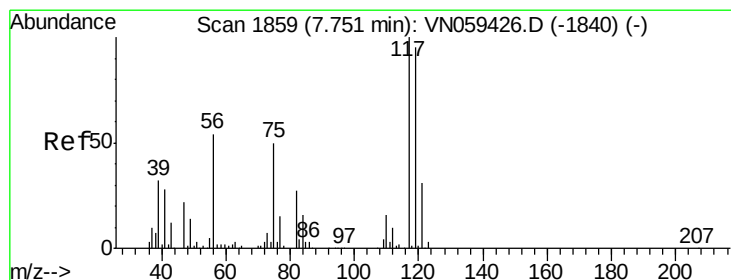
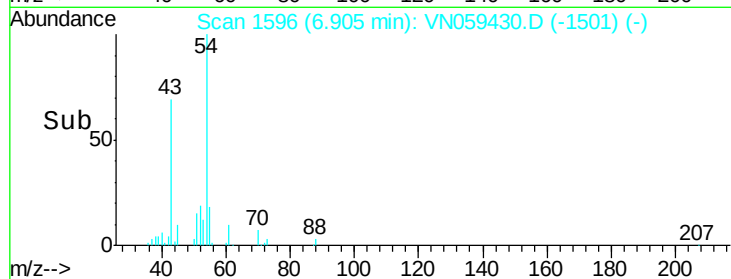
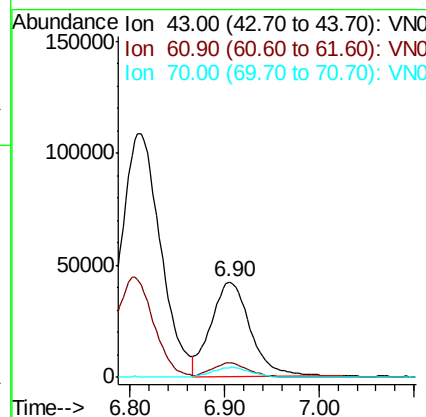
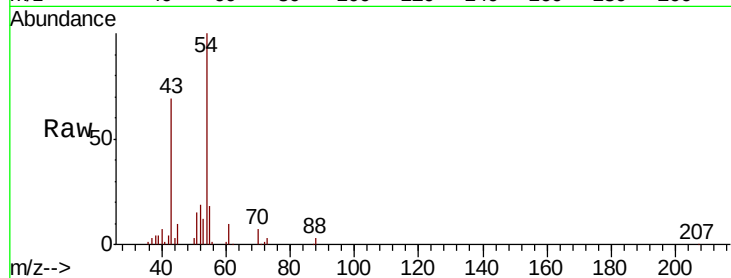
#37
Ethyl Acetate
Concen: 21.586 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.2
70	10.3	8.8	13.2

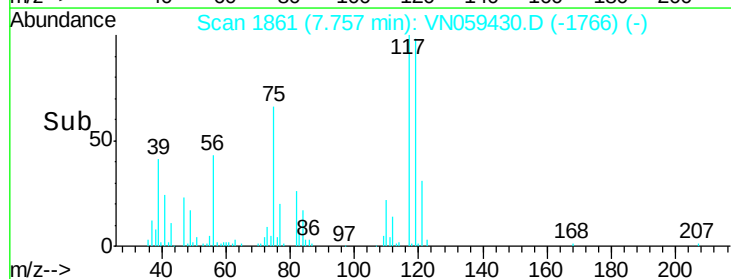
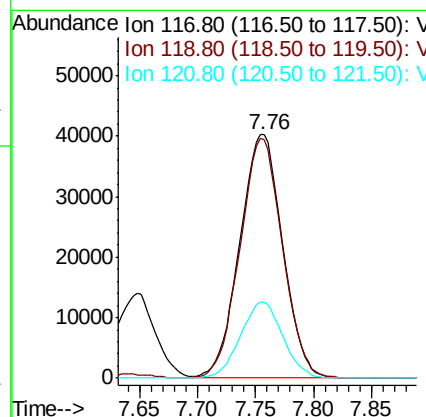
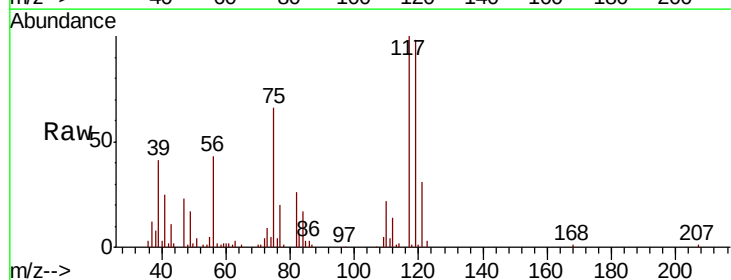
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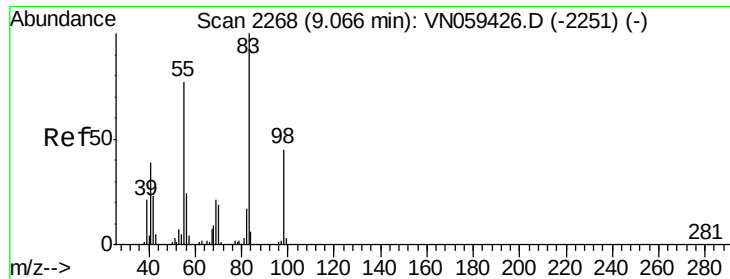
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#38
Carbon Tetrachloride
Concen: 20.576 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.9	113.9
121	31.2	24.6	36.8





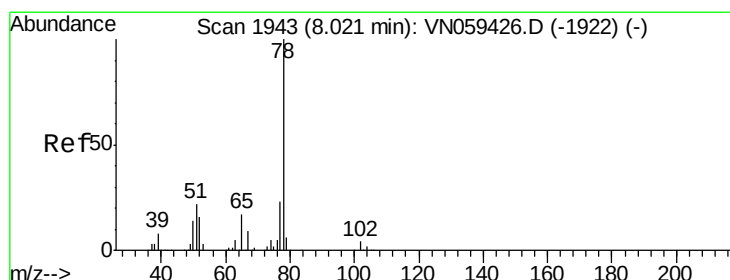
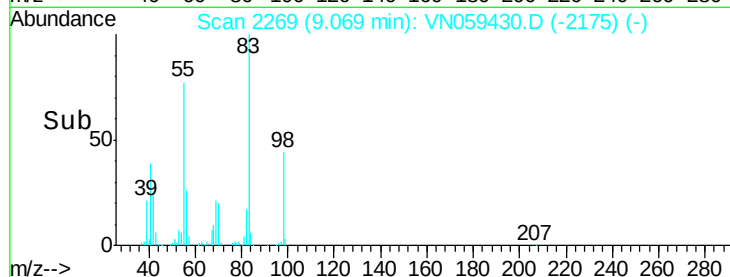
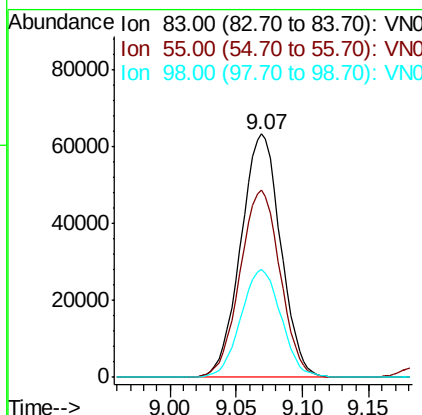
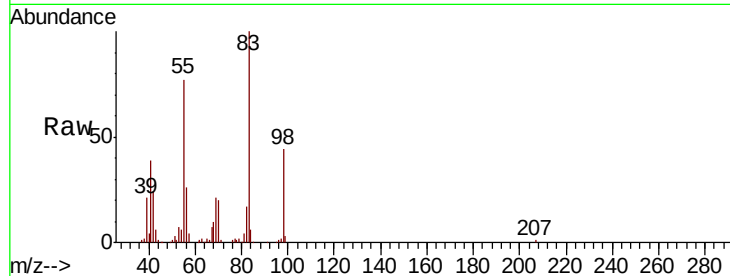
#39
Methylvlcyclohexane
Concen: 20.750 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.6	92.4
98	44.2	35.7	53.5

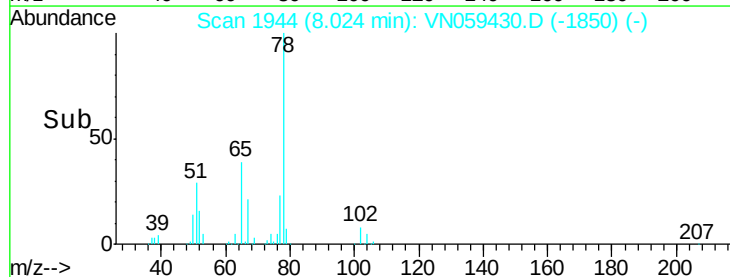
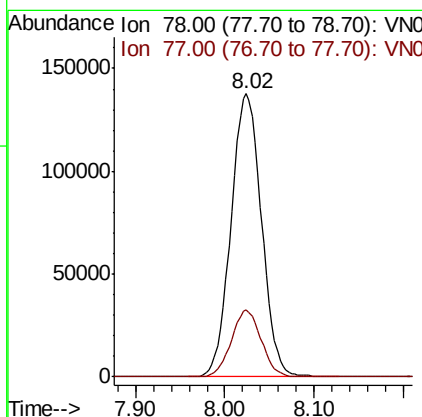
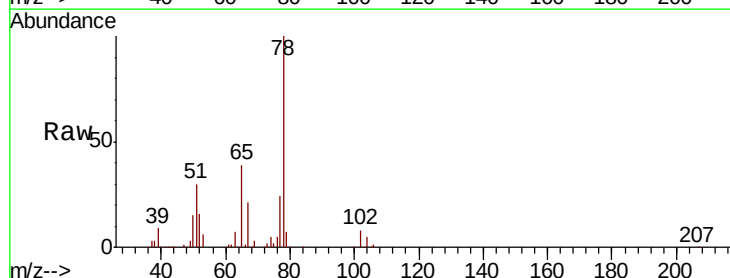
Manual Integrations
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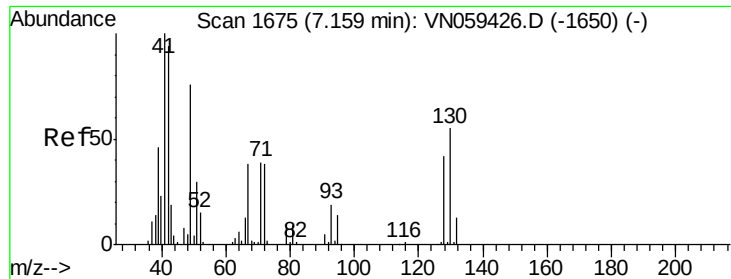
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#40
Benzene
Concen: 20.572 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5





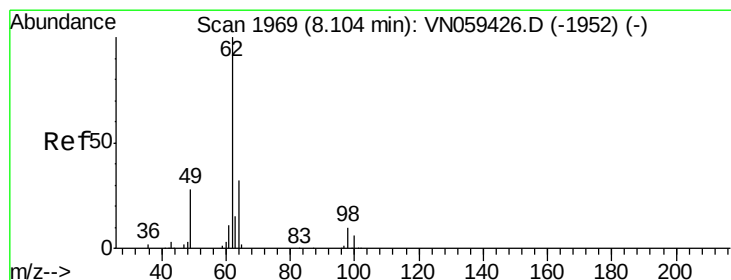
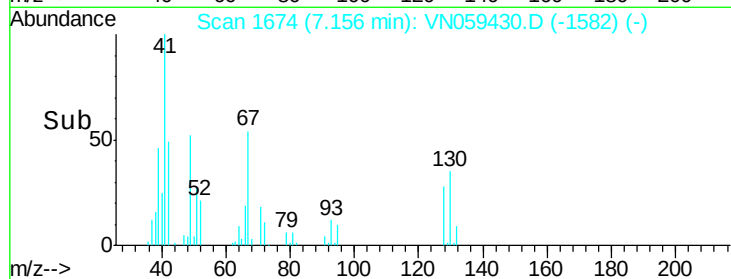
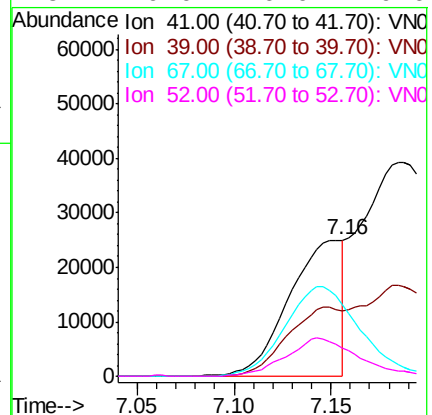
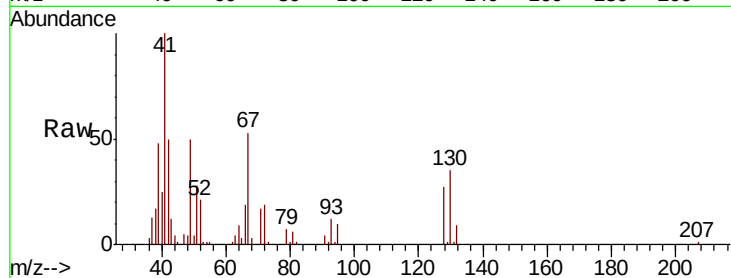
#41
Methacrylonitrile
Concen: 18.195 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

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

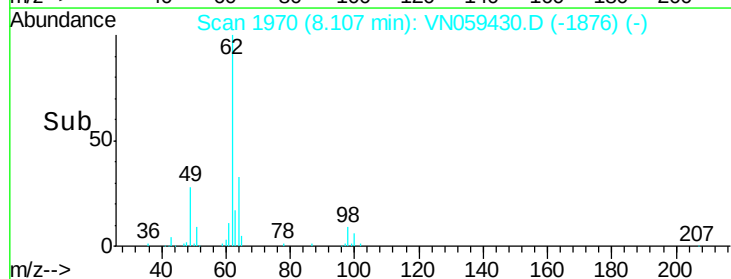
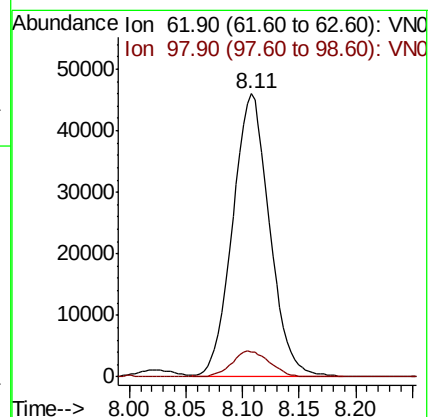
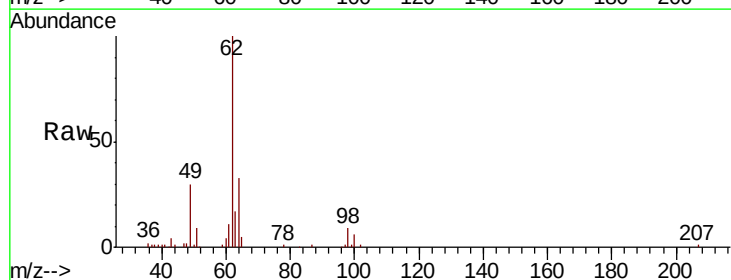
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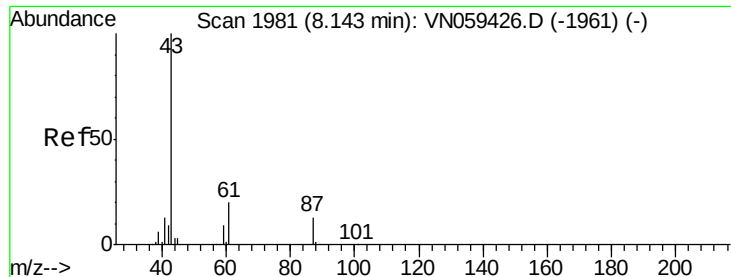
apatel
12/2/2019 10:09:12 AM



#42
1,2-Dichloroethane
Concen: 20.821 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.066 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

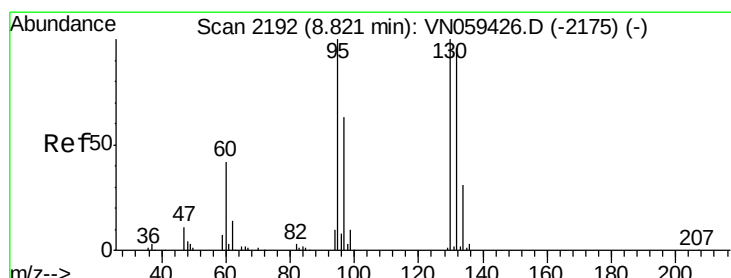
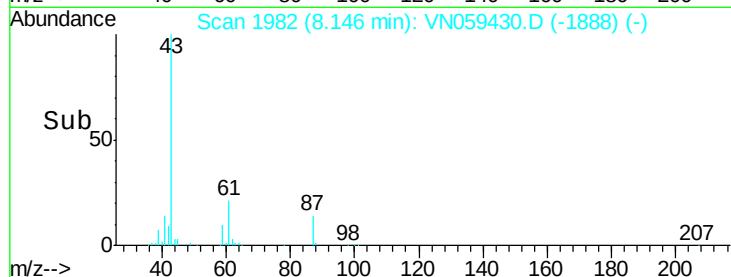
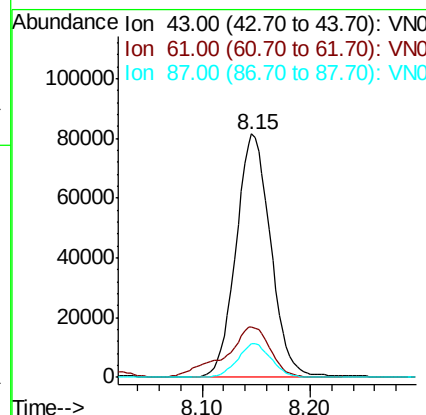
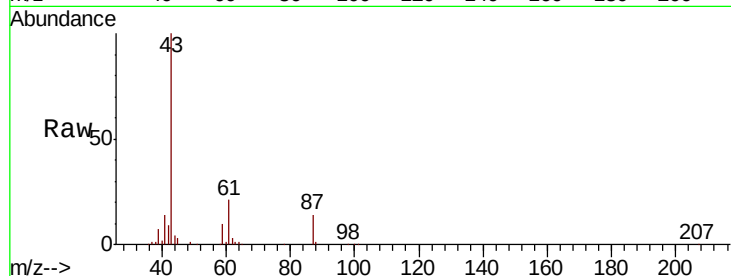
ClientSampled :

VN1127WBS01

Tot Ion:	43	Resp:	180935
Ion Ratio		Lower	Upper
43	100		
61	27.3	22.2	33.2
87	13.5	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.707 ug/l

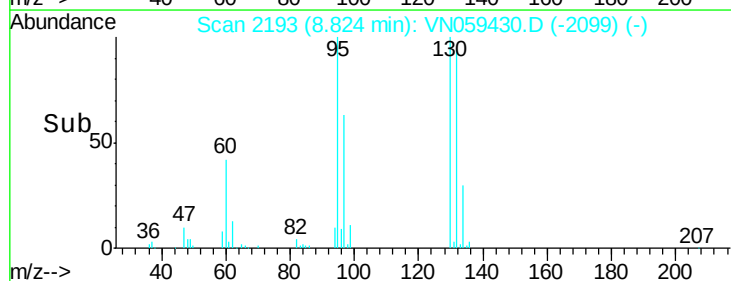
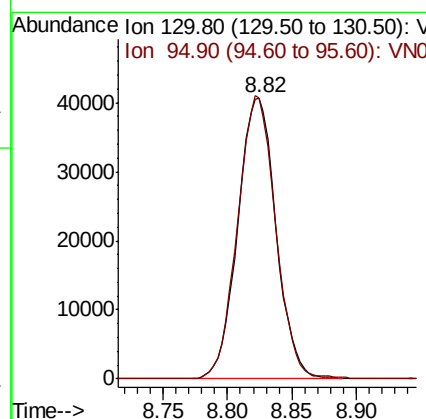
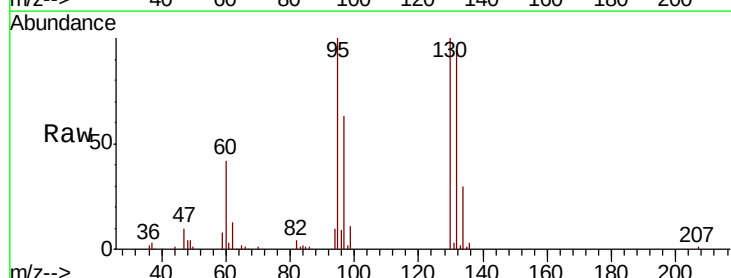
RT: 8.82 min Scan# 2193

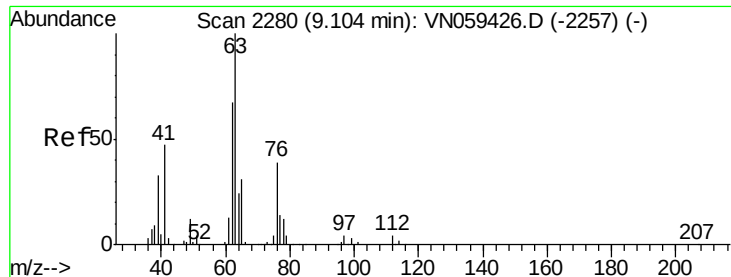
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	130	Resp:	83774
Ion Ratio		Lower	Upper
130	100		
95	100.0	0.0	199.6





#45

1,2-Dichloropropane

Concen: 20.525 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion: 63 Resp: 85180

Ion Ratio Lower Upper

63 100

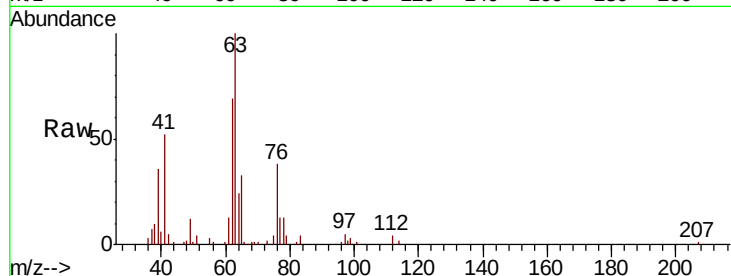
65 32.6 24.6 36.8

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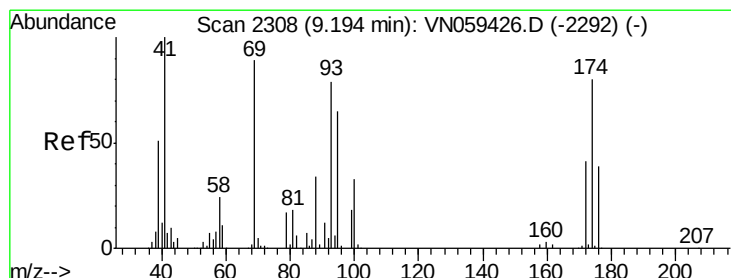
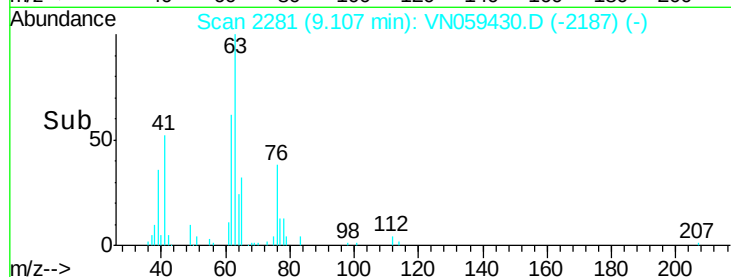
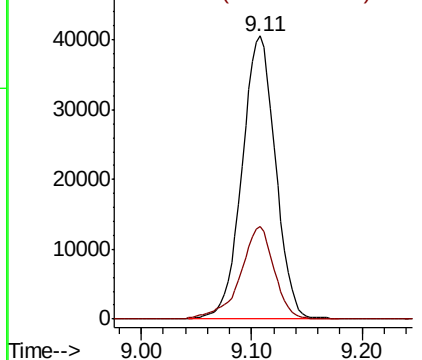
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.701 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

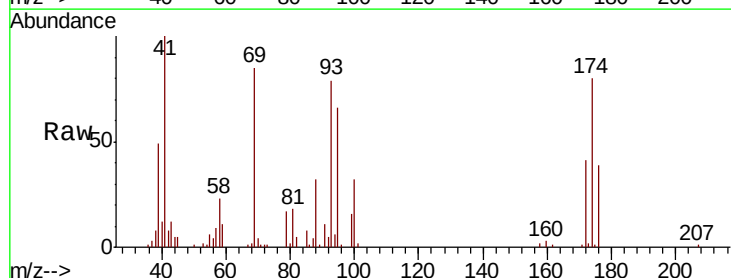
Tgt Ion: 93 Resp: 53017

Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

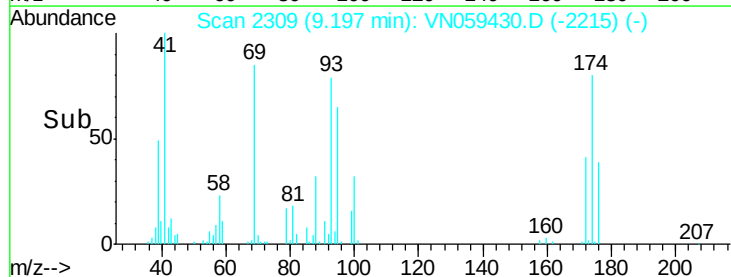
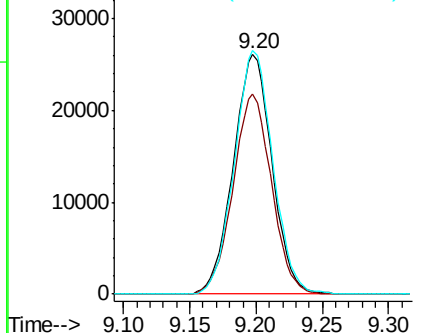
174 100.9 81.8 122.8

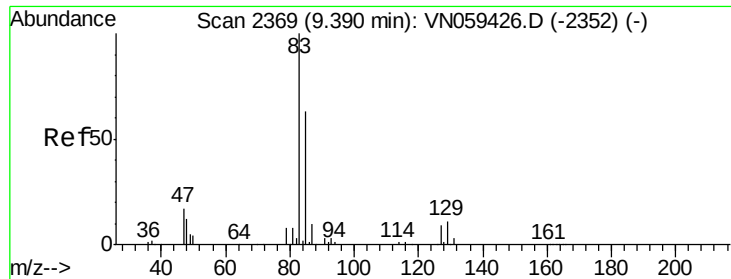


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





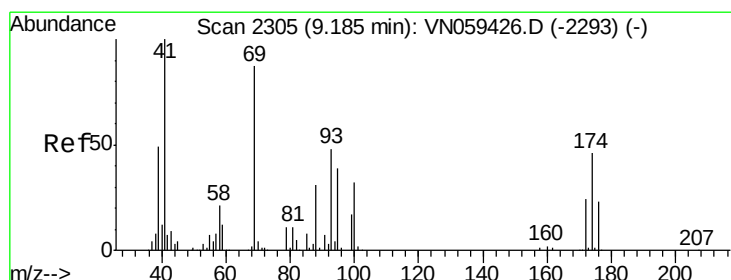
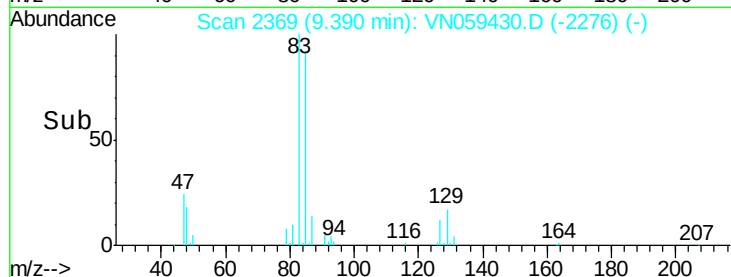
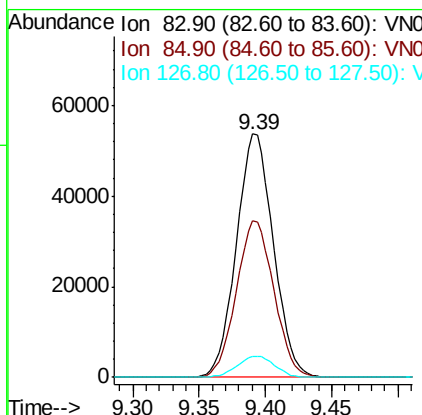
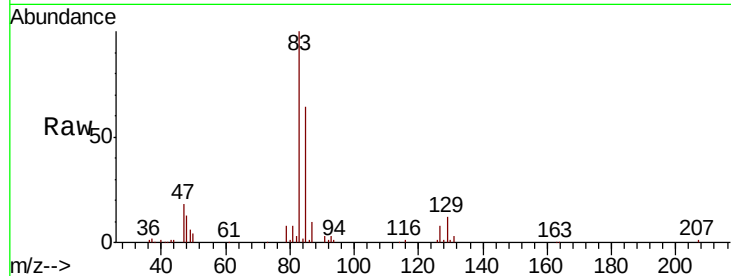
#47
Bromodichloromethane
Concen: 20.131 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	83	Resp	104279
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	50.6	75.8
127	8.4	6.8	10.2

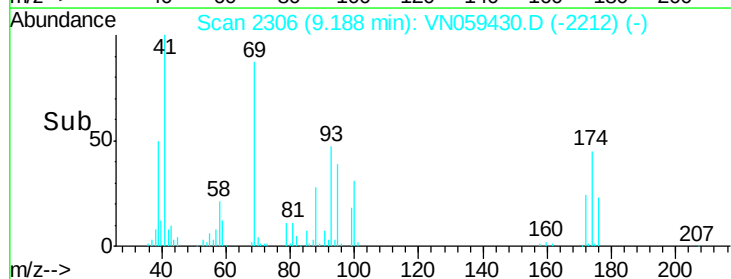
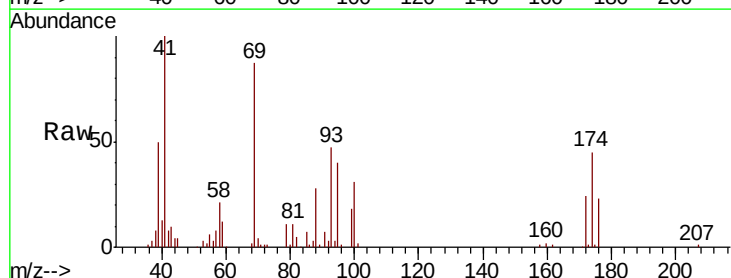
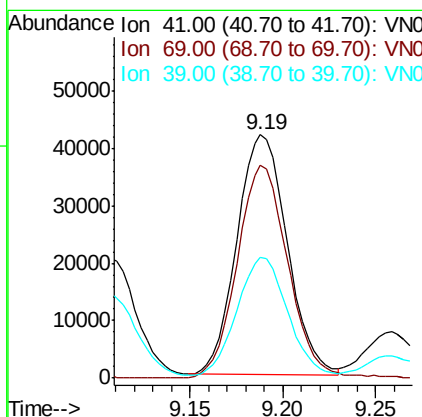
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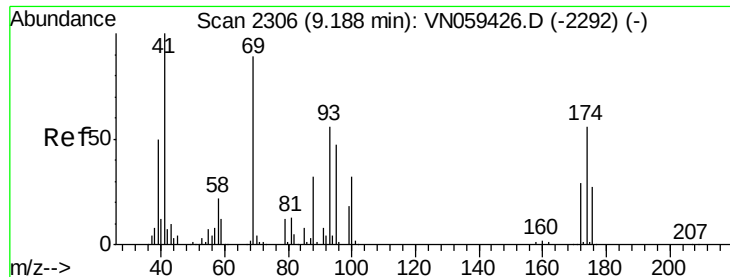
apatel
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#48
Methyl methacrylate
Concen: 20.737 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	41	Resp	79019
Ion Ratio	100	Lower	Upper
41	100		
69	89.5	71.6	107.4
39	48.9	41.3	61.9





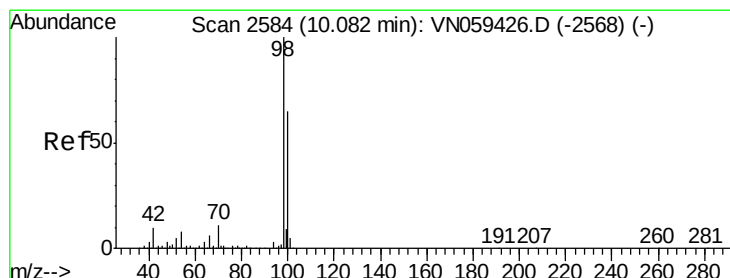
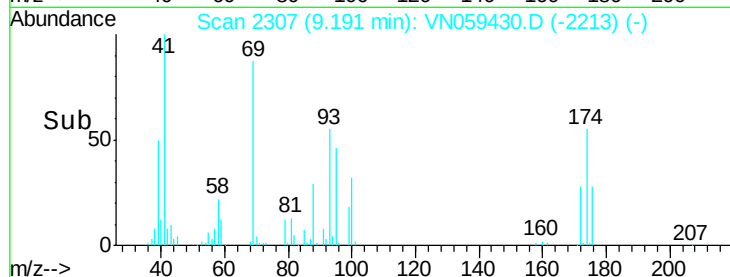
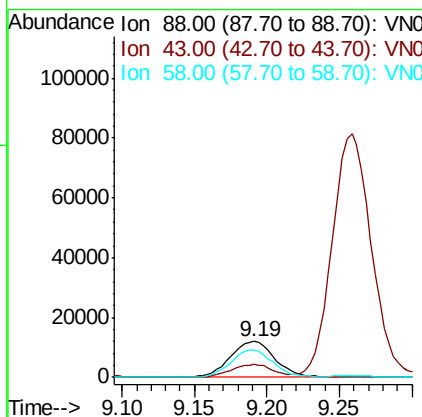
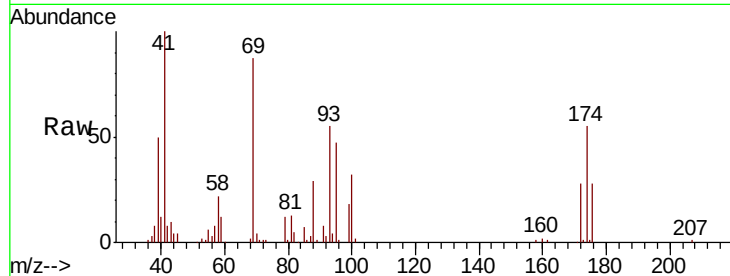
#49
1,4-Dioxane
Concen: 461.810 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampled :
VN1127WBS01

Tot Ion: 88 Resp: 25701
Ion Ratio Lower Upper
88 100
43 34.5 23.7 35.5
58 72.1 56.3 84.5

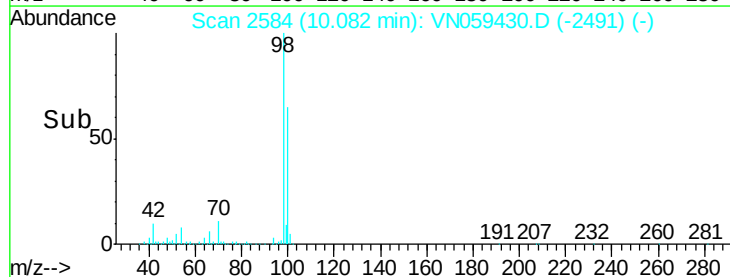
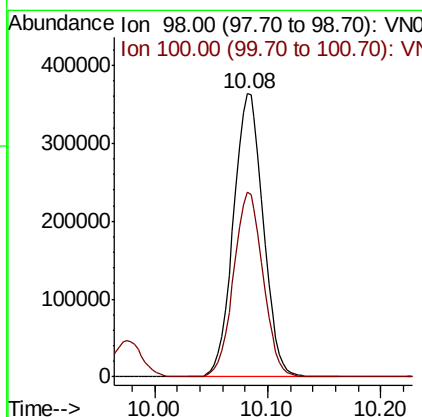
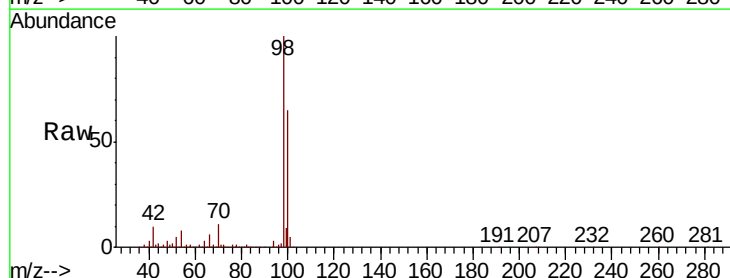
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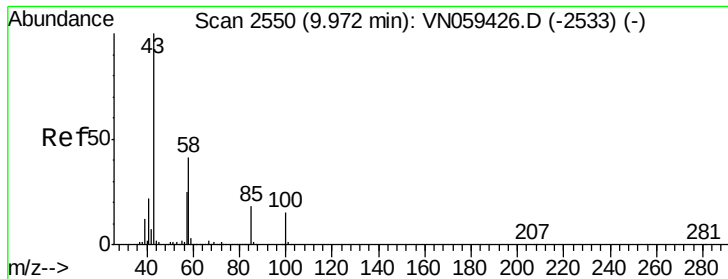
apatel
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#50
Toluene-d8
Concen: 49.458 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion: 98 Resp: 667025
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 113.411 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion: 43 Resp: 565001

Ion Ratio Lower Upper

43 100

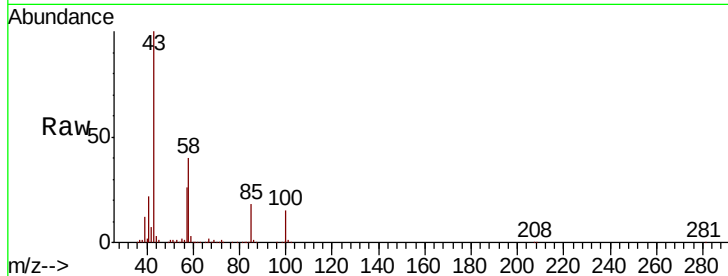
58 40.3 32.5 48.7

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Abundance Ion 43.00 (42.70 to 43.70): VN059426.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN059426.D (-2533) (-)

9.98

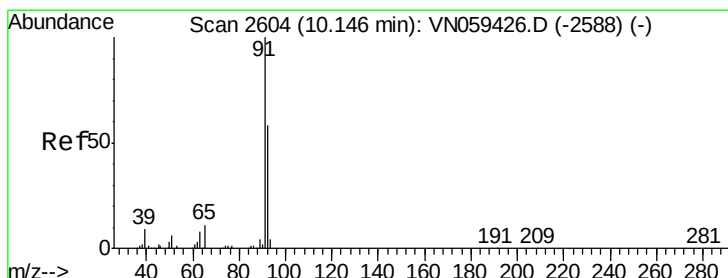
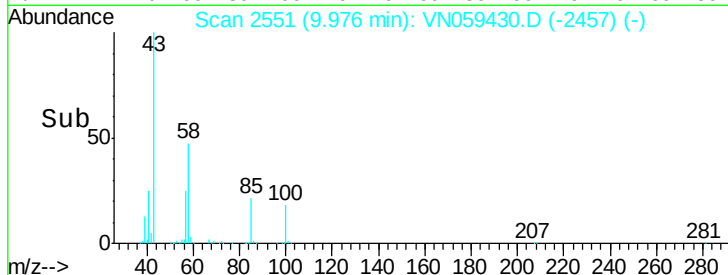
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.685 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059430.D

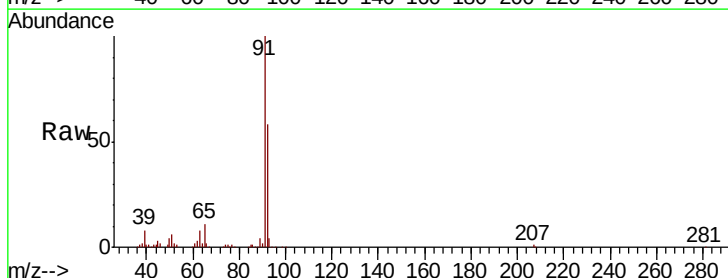
Acq: 27 Nov 2019 18:48

Tgt Ion: 92 Resp: 196068

Ion Ratio Lower Upper

92 100

91 173.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN059426.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059426.D (-2588) (-)

10.15

200000

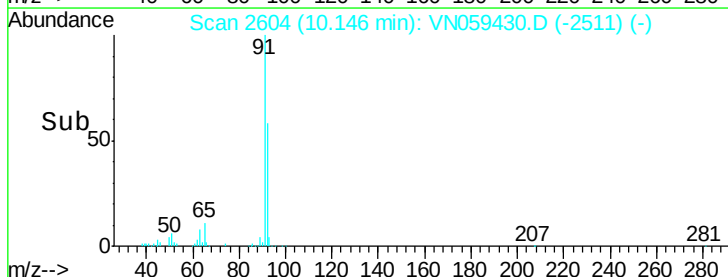
150000

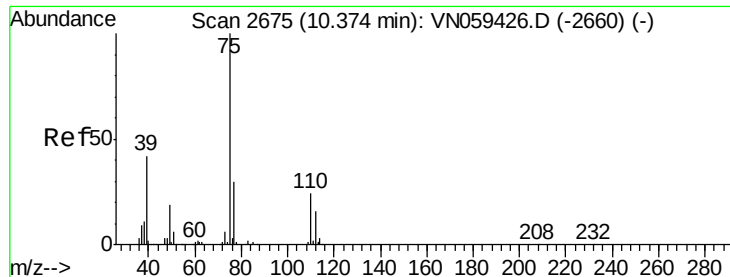
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.475 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

VN1127WBS01

Tot Ion: 75 Resp: 121868

Ion Ratio Lower Upper

75 100

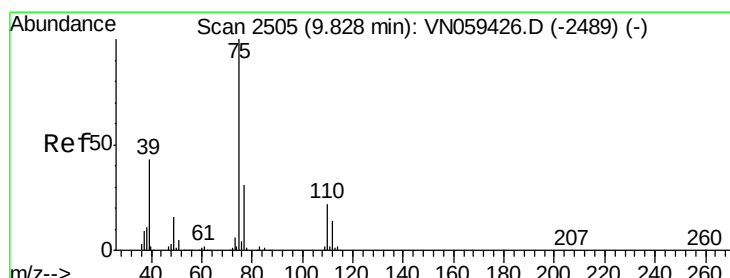
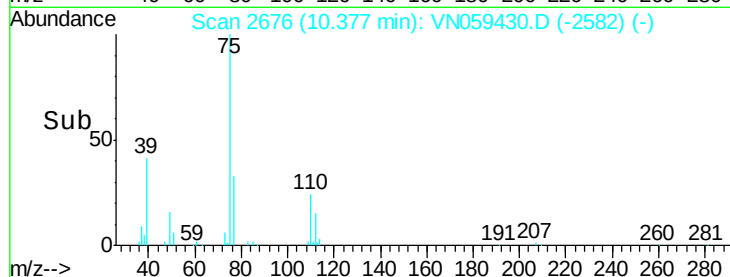
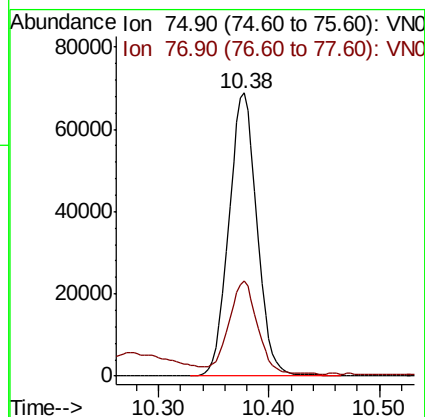
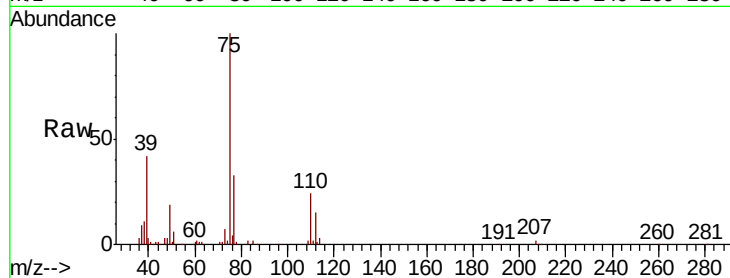
77 32.7 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.691 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

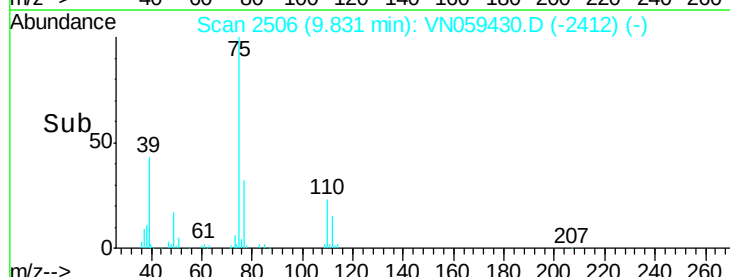
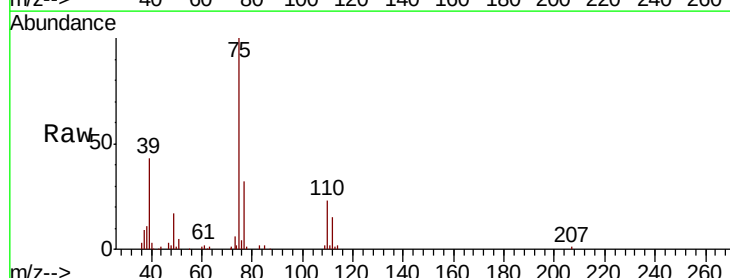
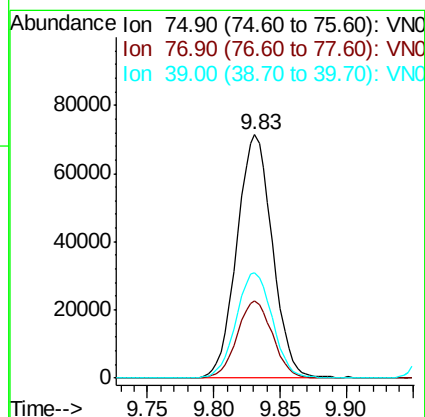
Tgt Ion: 75 Resp: 132945

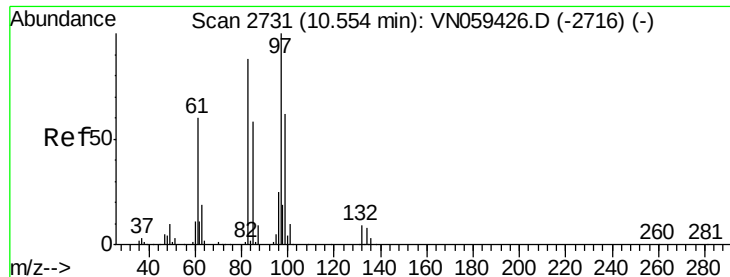
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 43.2 34.0 51.0





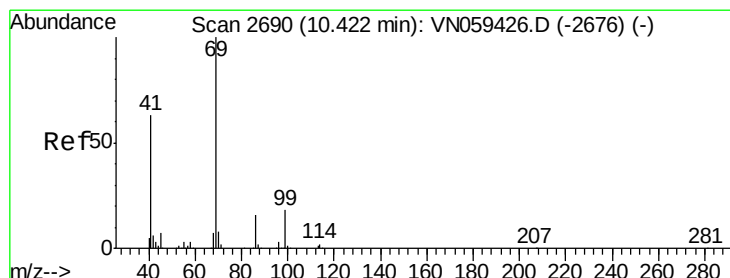
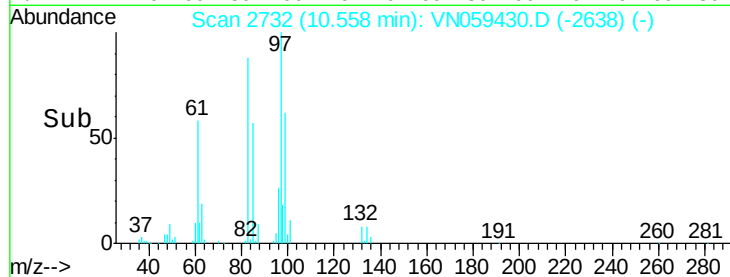
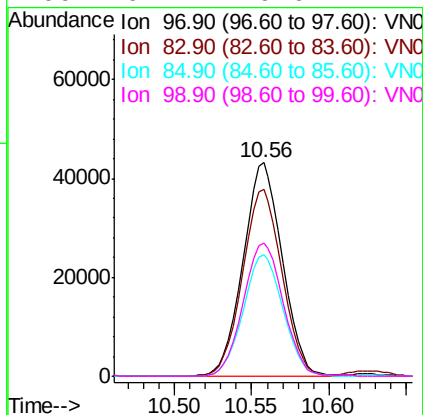
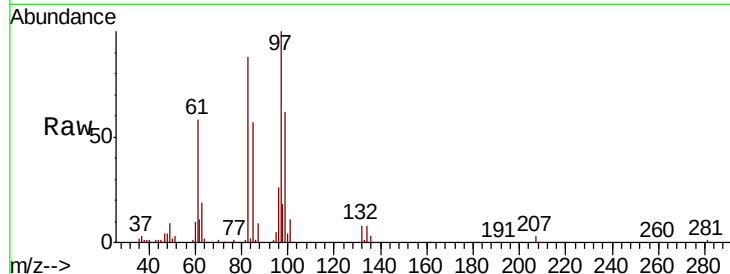
#55
 1,1,2-Trichloroethane
 Concen: 20.537 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Tot Ion:	97	Resp:	76197
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.7	106.1
85	57.0	46.4	69.6
99	62.4	49.6	74.4

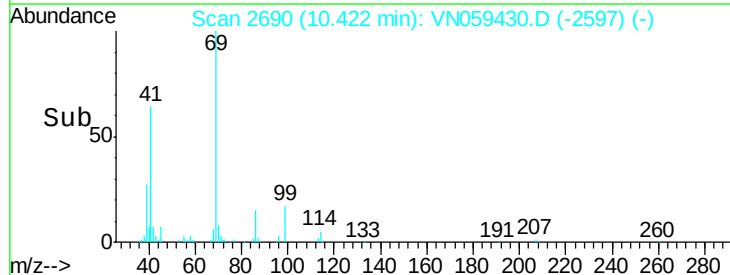
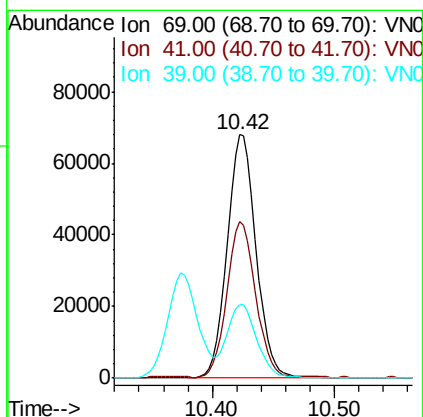
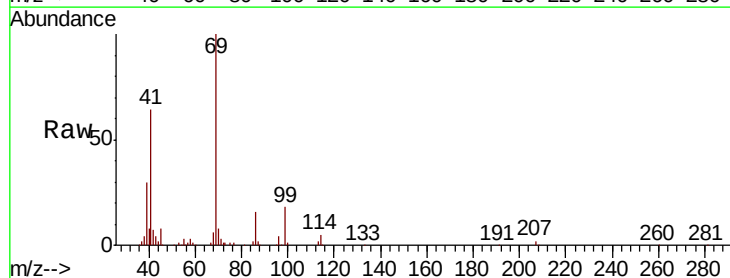
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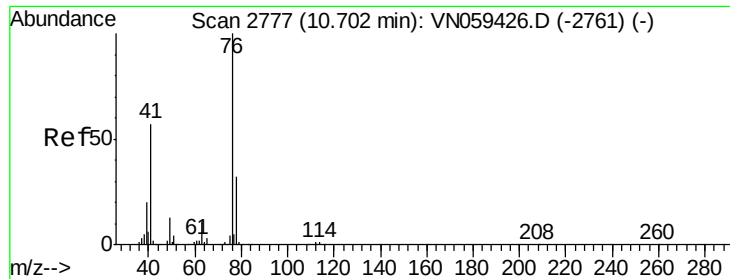
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#56
 Ethyl methacrylate
 Concen: 22.405 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion:	69	Resp:	112913
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.1	75.1
39	31.6	23.9	35.9





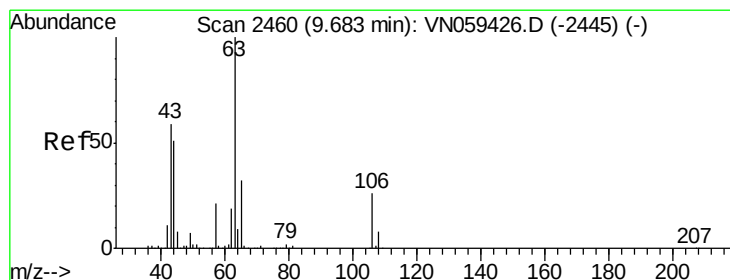
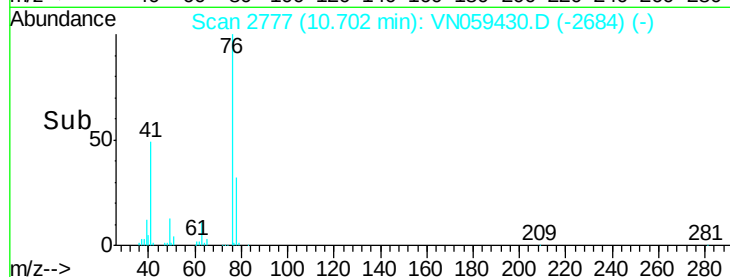
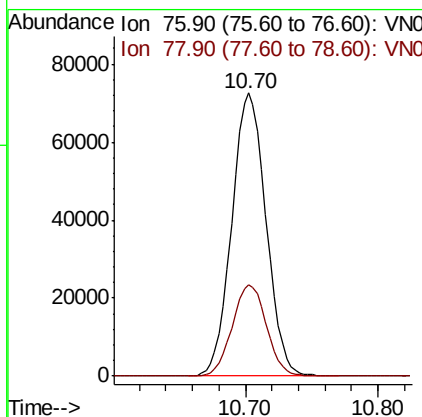
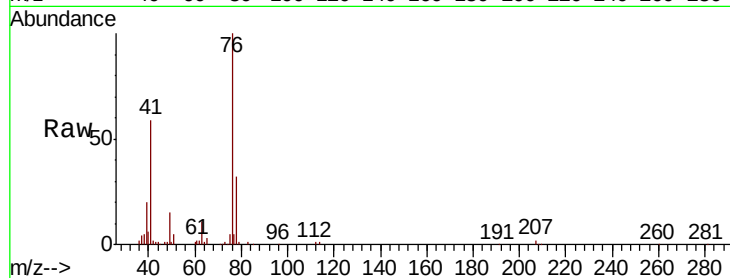
#57
 1,3-Dichloropropane
 Concen: 20.271 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN1127WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.5	38.3

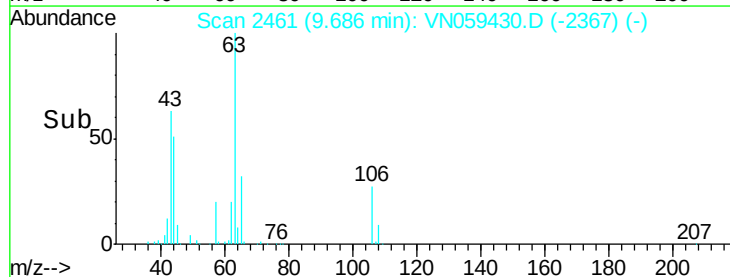
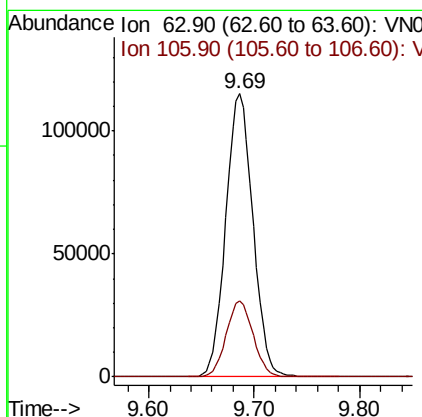
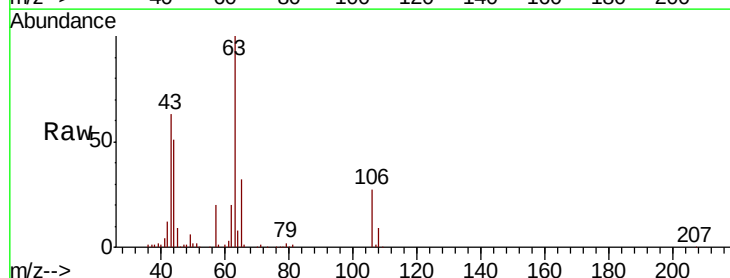
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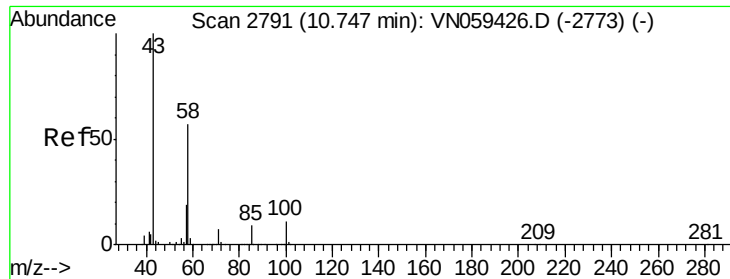
apatel
 12/2/2019 10:09:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 129.051 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	20.9	31.3





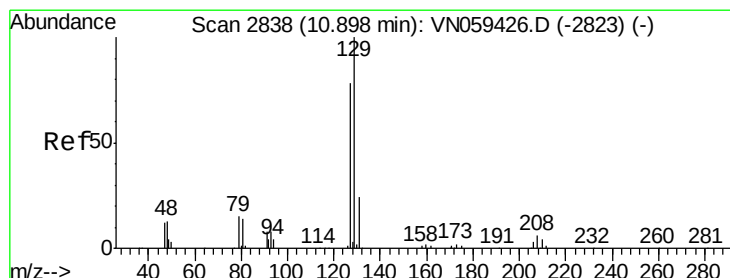
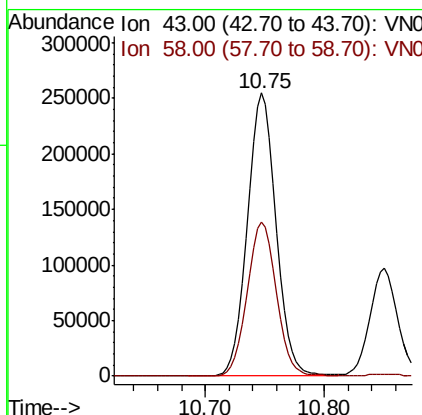
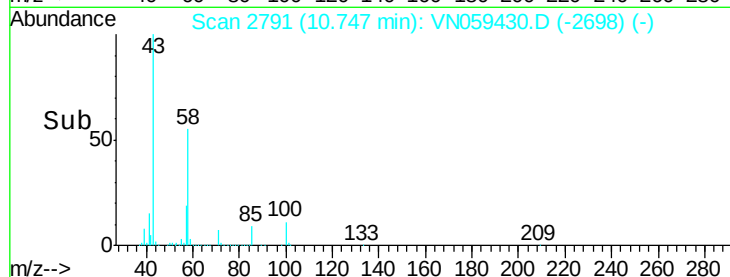
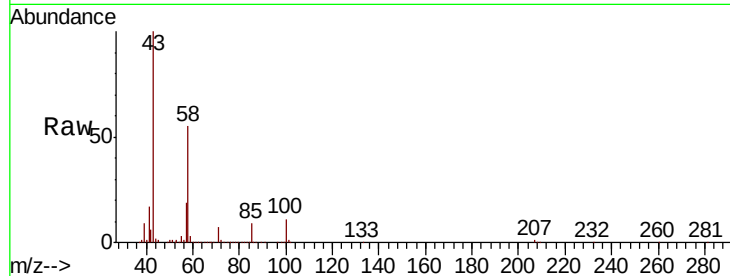
#59
2-Hexanone
Concen: 114.778 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	28.3	85.0

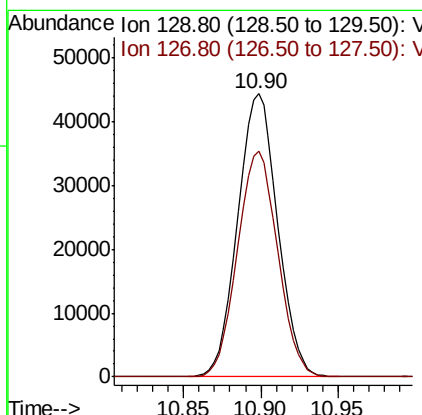
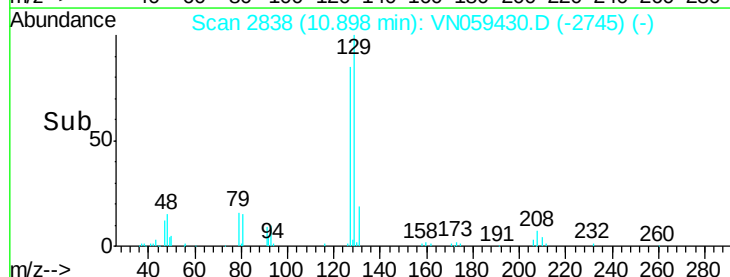
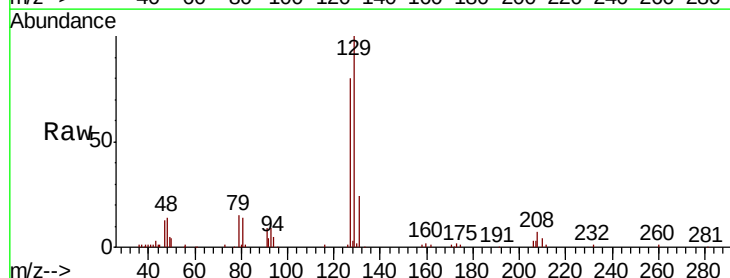
Manual Integrations
APPROVED

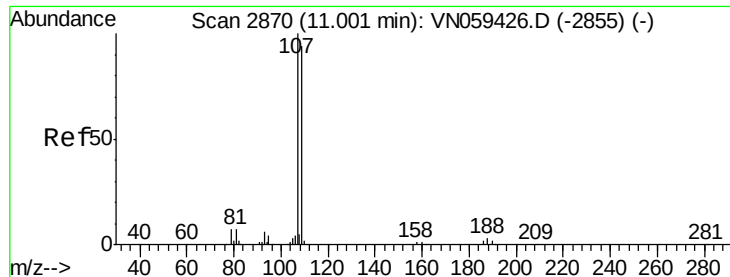
apatel
12/2/2019 10:09:12 AM



#60
Dibromochloromethane
Concen: 20.595 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.2	38.6	116.0





#61

1,2-Dibromoethane

Concen: 20.871 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion: 107 Resp: 79348

Ion Ratio Lower Upper

107 100

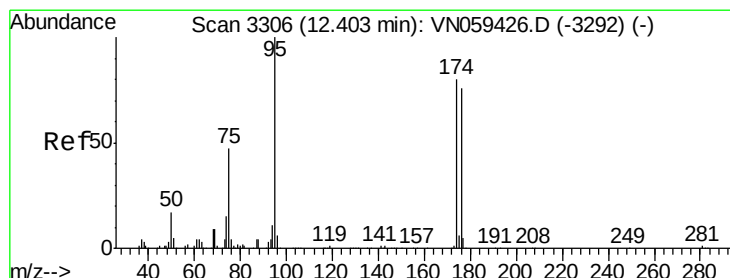
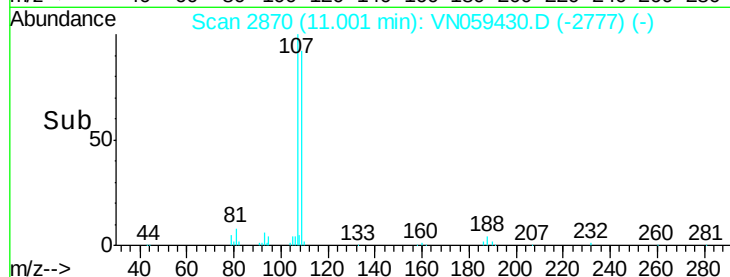
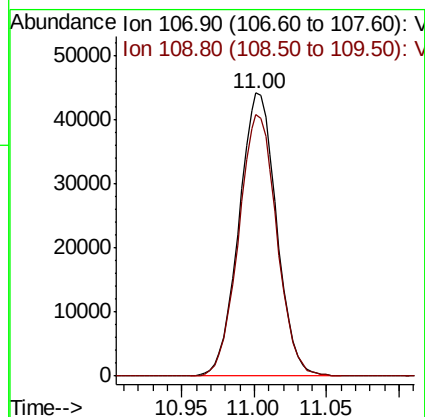
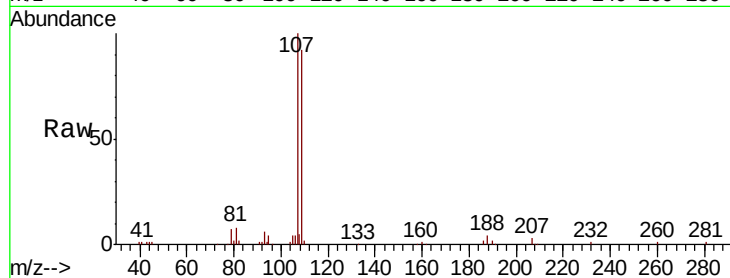
109 93.6 75.8 113.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.284 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

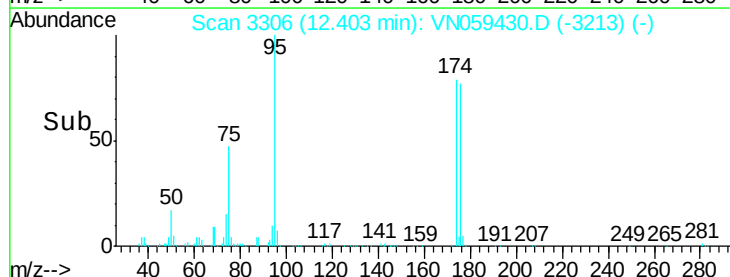
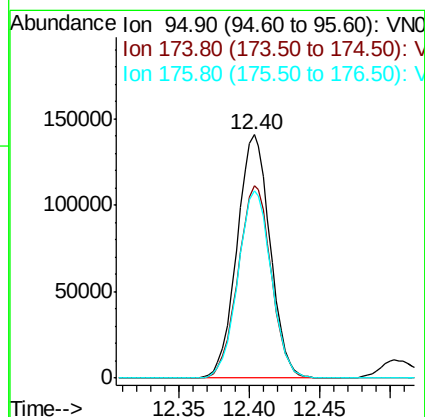
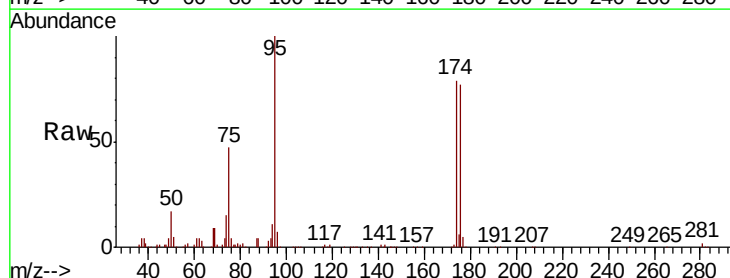
Tgt Ion: 95 Resp: 231429

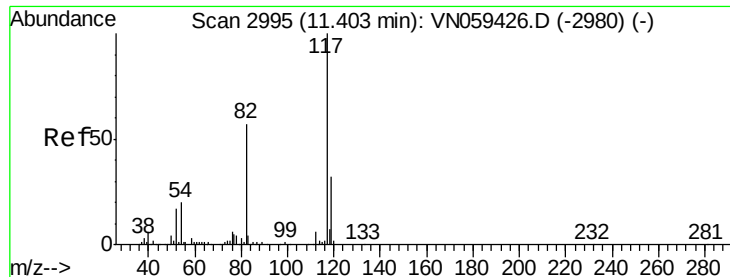
Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.0

176 77.5 0.0 153.0





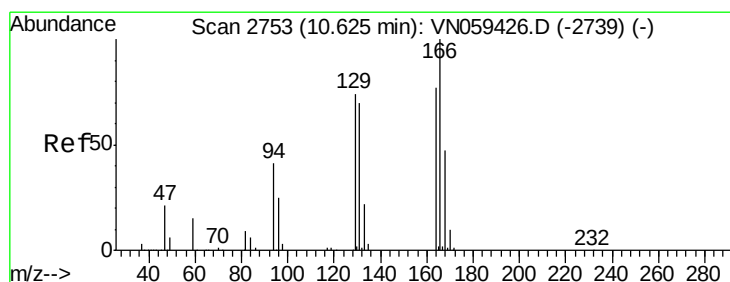
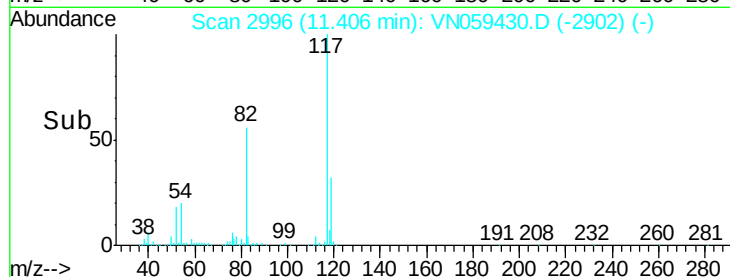
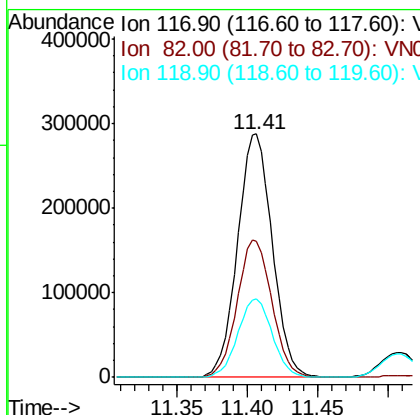
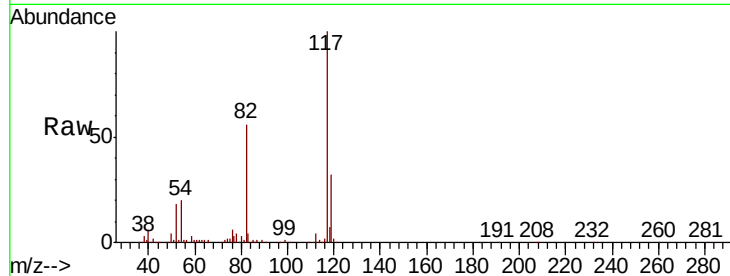
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497171		
82	55.9		45.4	68.0
119	32.2		25.6	38.4

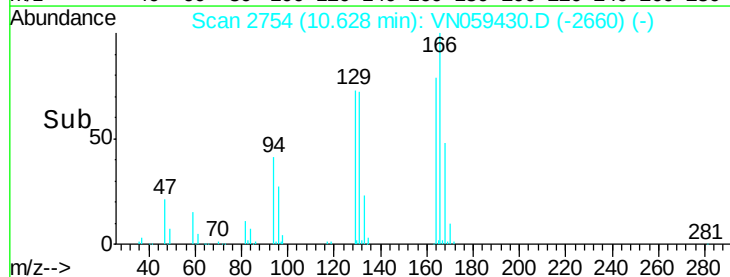
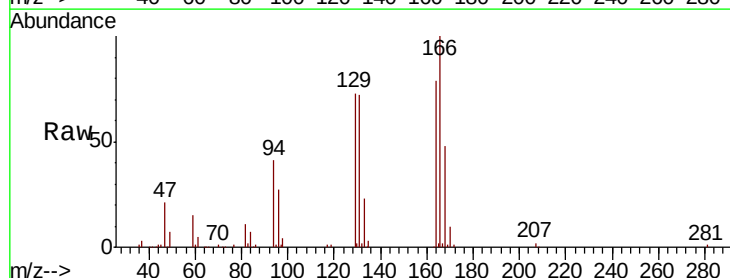
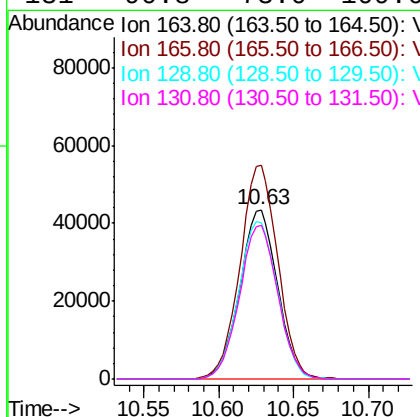
Manual Integrations
APPROVED

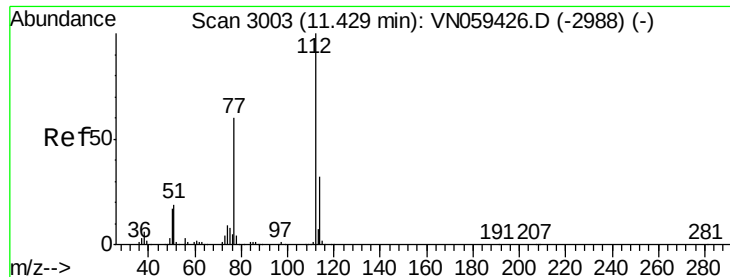
apatel
12/2/2019 10:09:12 AM



#64
Tetrachloroethene
Concen: 20.808 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76519		
166	126.1		104.2	156.4
129	92.0		76.8	115.2
131	90.8		73.0	109.6





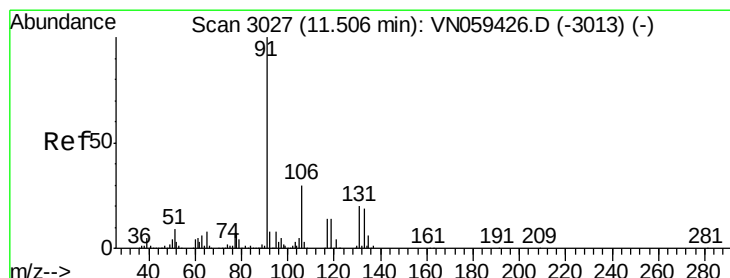
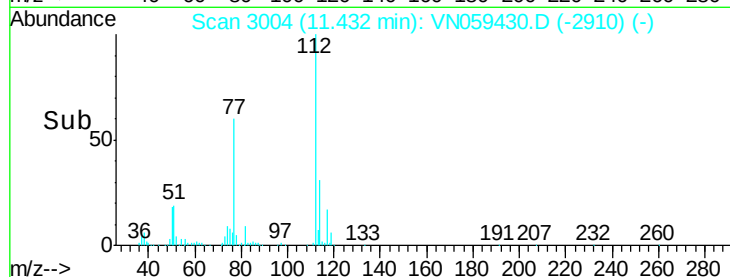
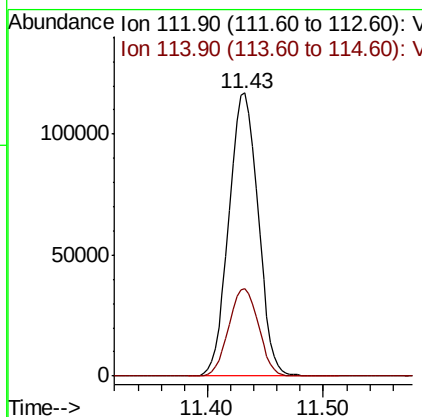
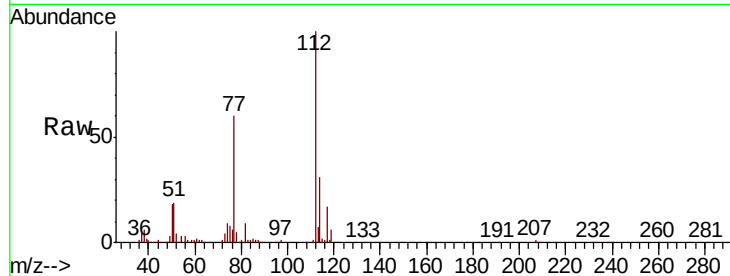
#65
Chlorobenzene
Concen: 20.319 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.4	38.2

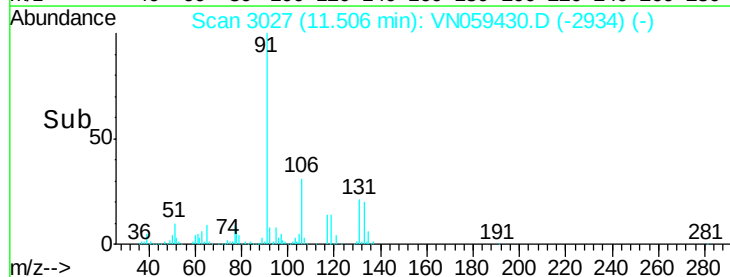
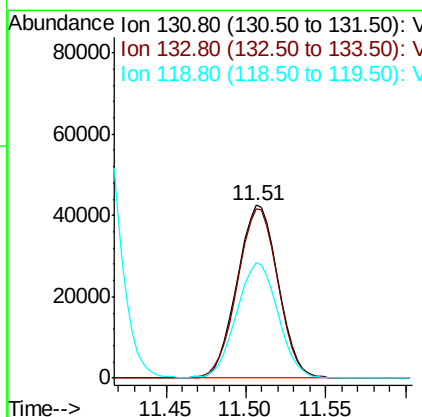
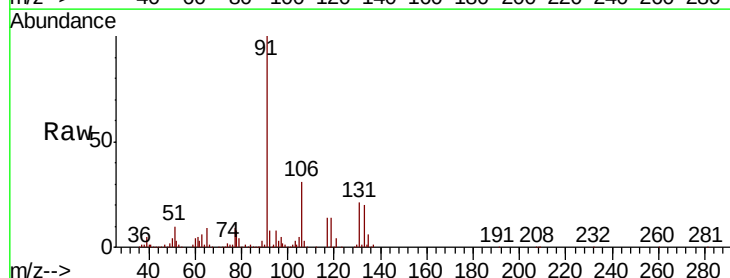
Manual Integrations
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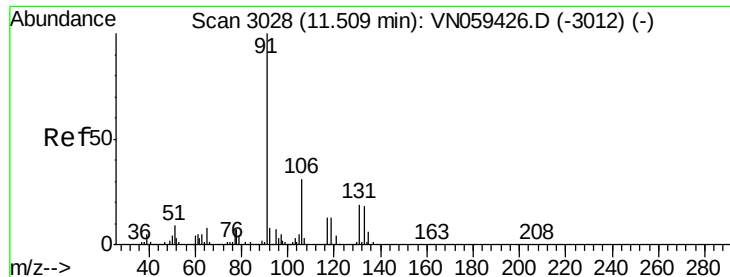
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.381 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	48.2	144.6
119	67.4	33.8	101.3





#67

Ethyl Benzene

Concen: 20.720 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

VN1127WBS01

Tot Ion: 91 Resp: 366304

Ion Ratio Lower Upper

91 100

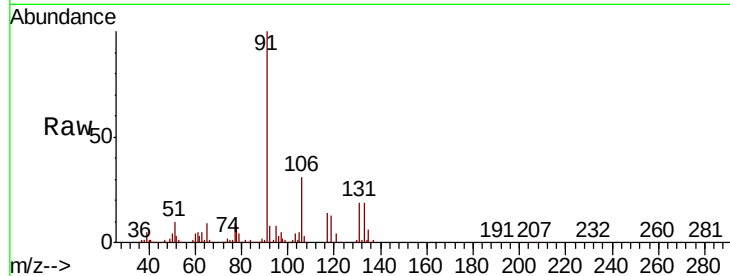
106 30.8 24.7 37.1

Manual Integrations

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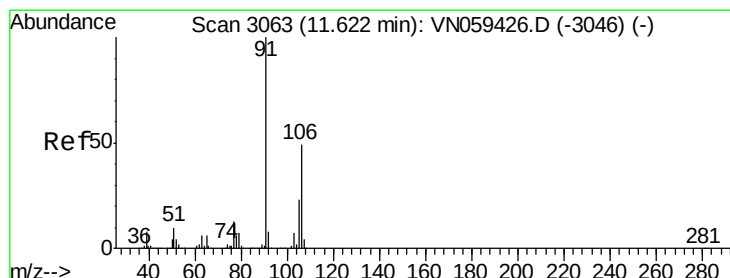
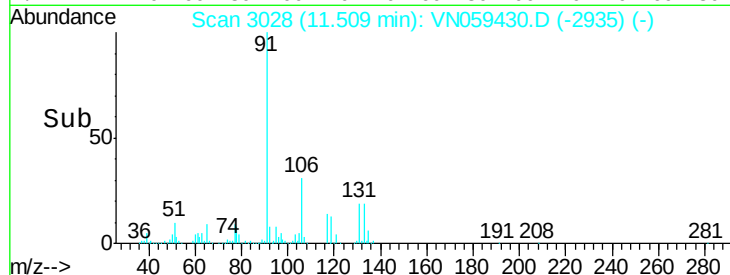
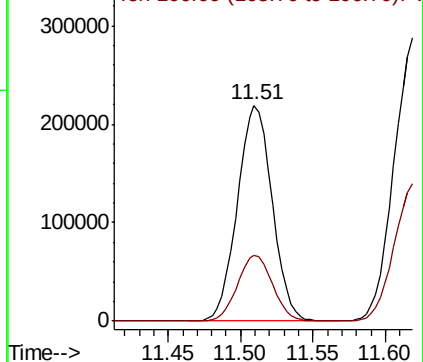
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.490 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059430.D

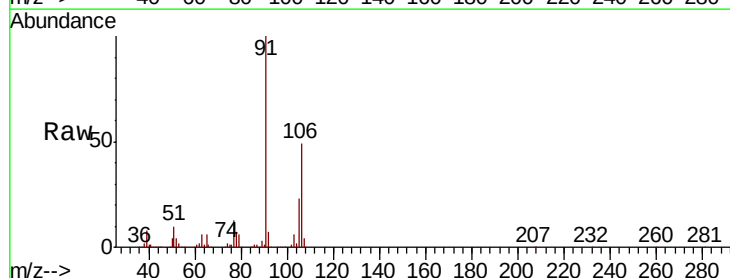
Acq: 27 Nov 2019 18:48

Tgt Ion: 106 Resp: 273856

Ion Ratio Lower Upper

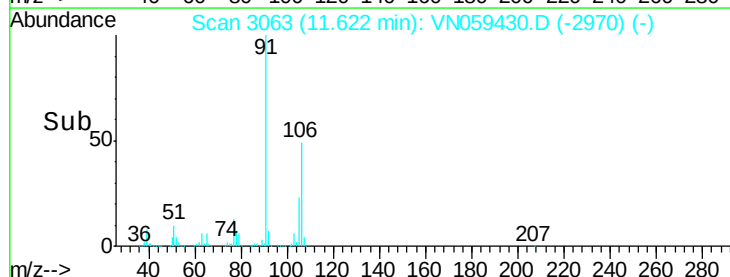
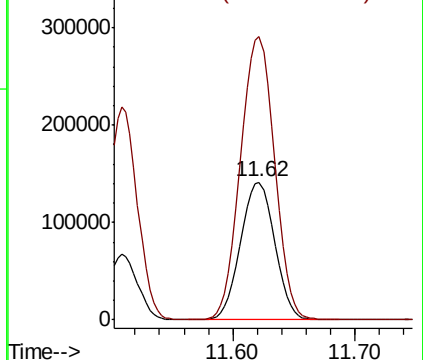
106 100

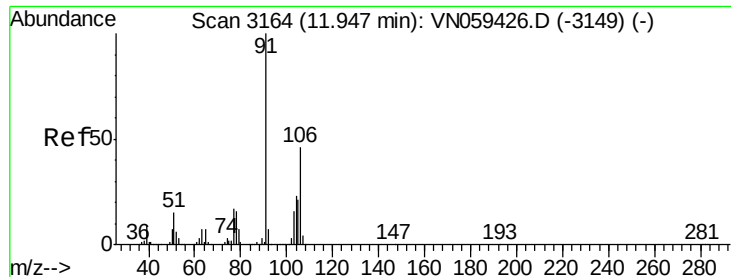
91 204.6 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





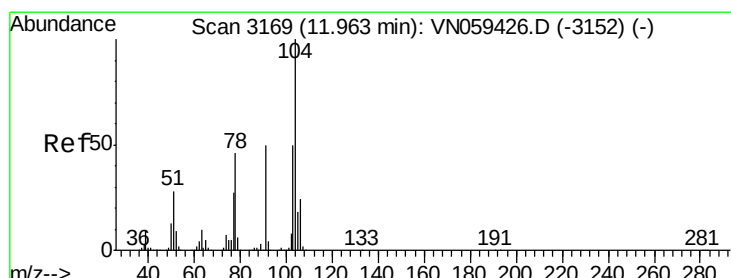
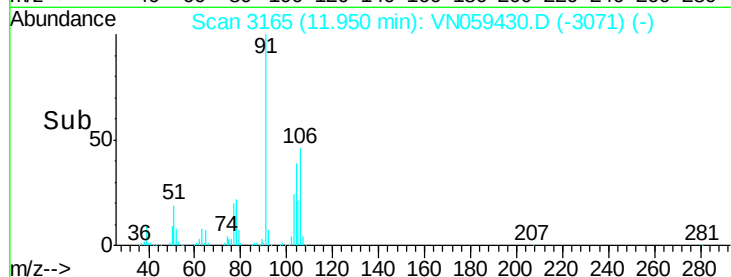
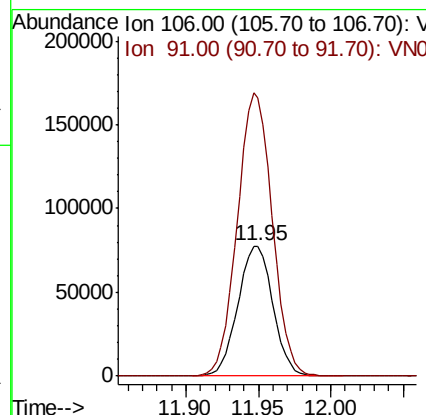
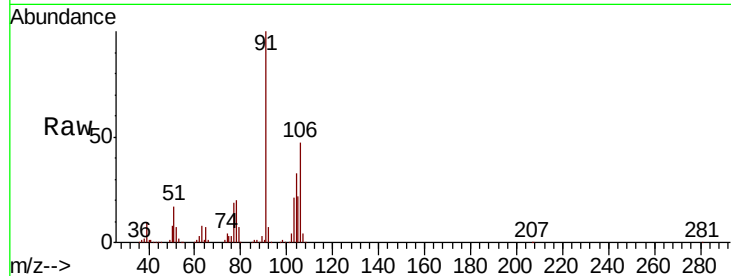
#69
o-Xylene
Concen: 20.542 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampled :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.5	107.5	322.4

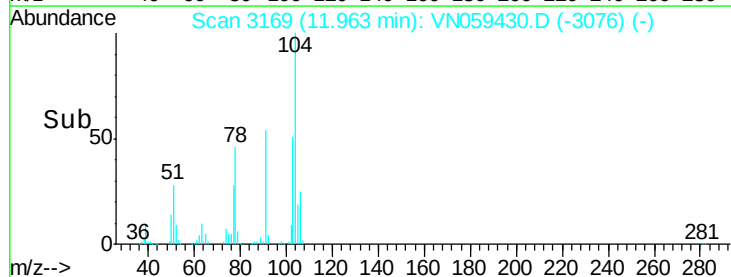
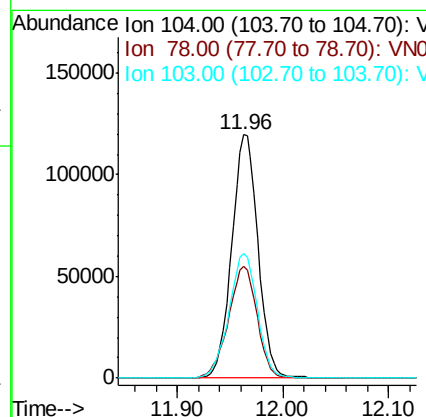
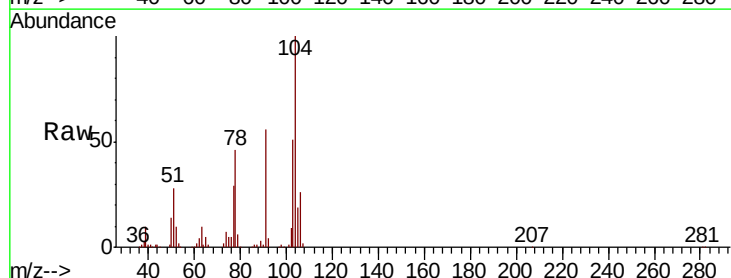
Manual Integrations
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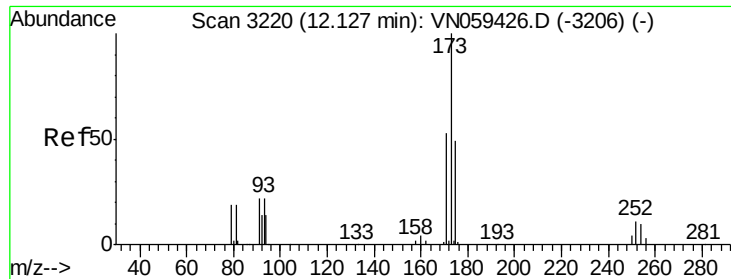
apatel
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#70
Styrene
Concen: 22.053 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.4	60.6
103	55.3	43.8	65.6





#71

Bromoform

Concen: 20.513 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

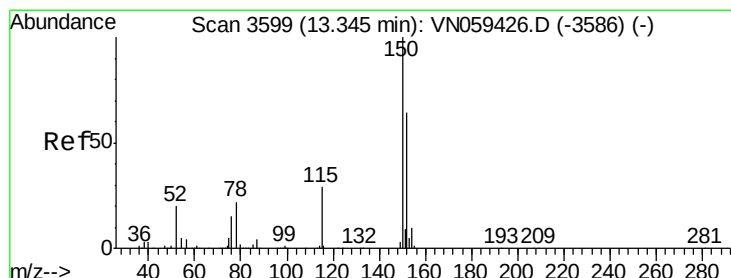
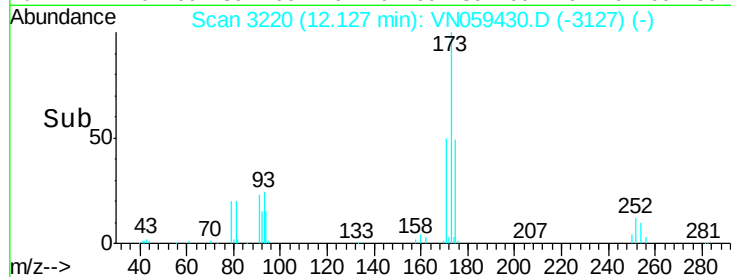
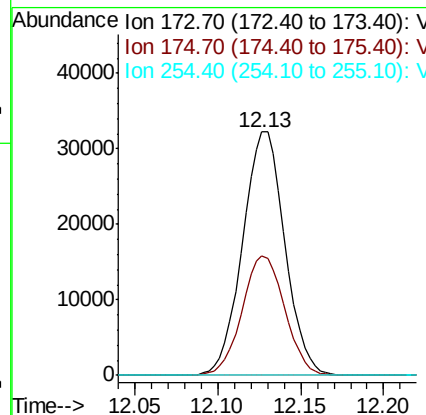
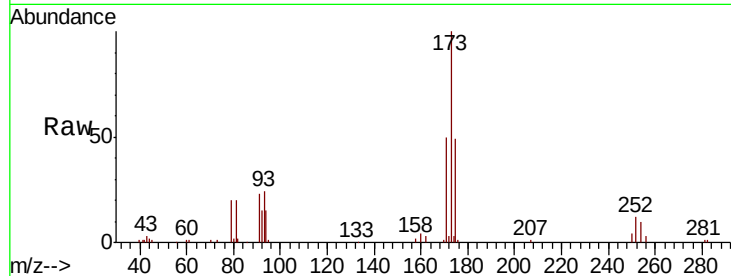
ClientSampleId :

VN1127WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.3
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

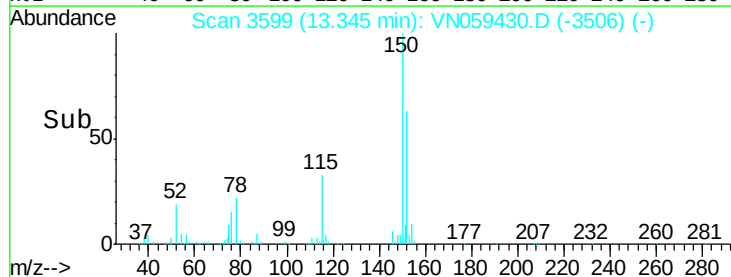
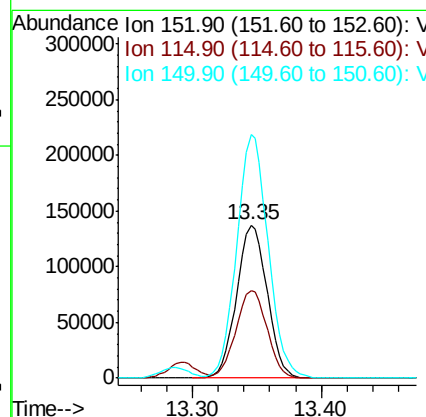
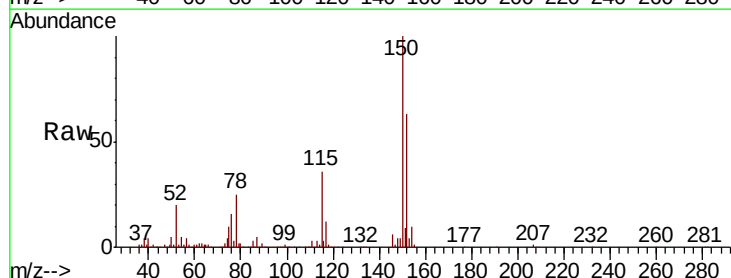
RT: 13.35 min Scan# 3599

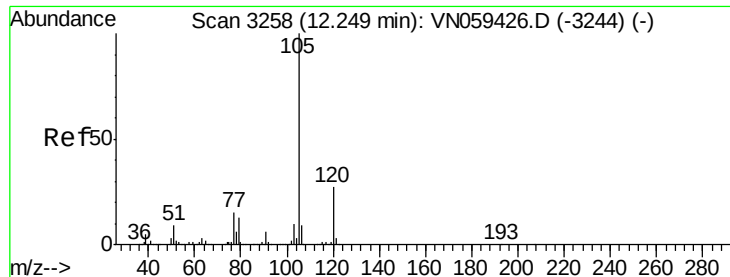
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.5	88.6
150	163.6	0.0	347.2





#73

Isopropylbenzene

Concen: 21.004 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBS01

Tot Ion:105 Resp: 351565

Ion Ratio Lower Upper

105 100

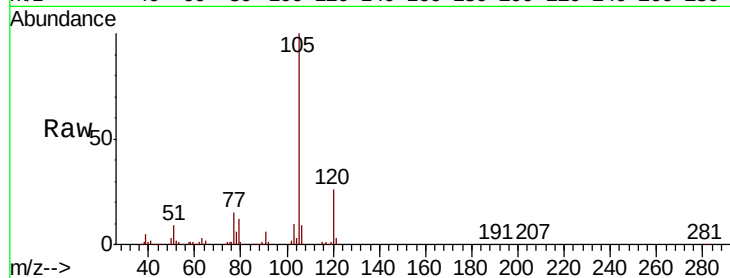
120 26.5 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

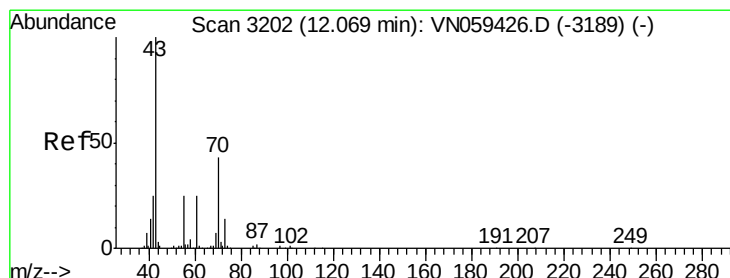
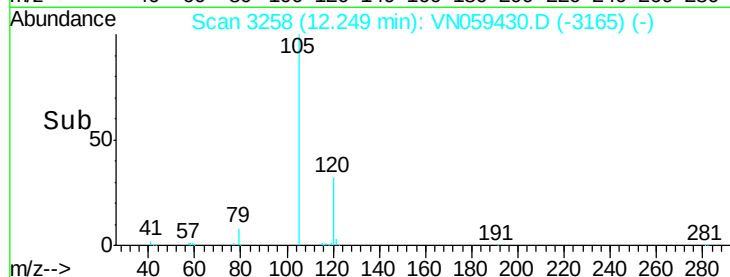
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 23.540 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion: 43 Resp: 135675

Ion Ratio Lower Upper

43 100

70 43.0 34.6 52.0

55 26.6 20.5 30.7

61 24.7 20.2 30.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

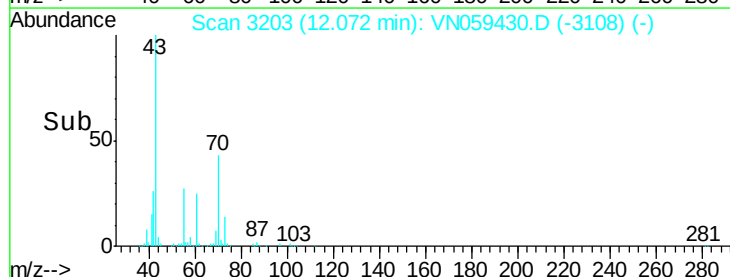
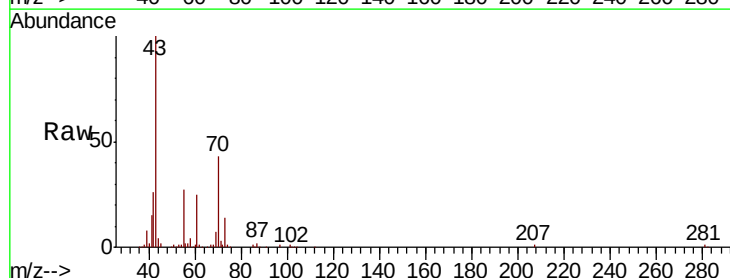
40000

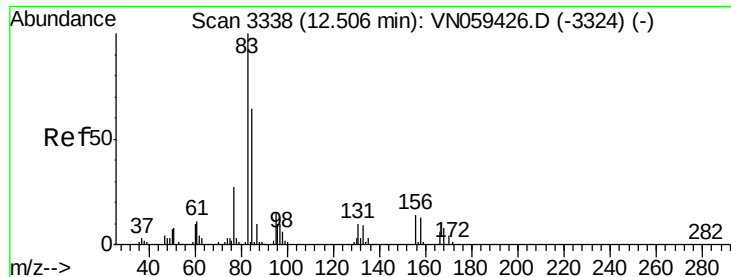
20000

0

12.00 12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.112 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

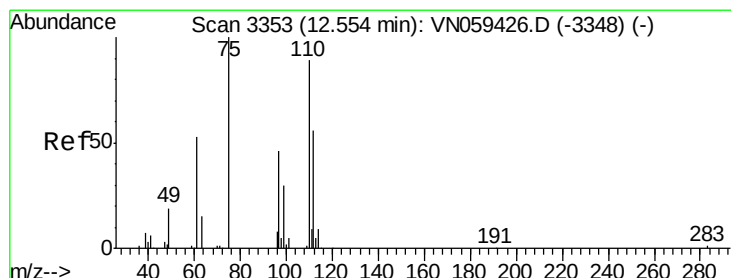
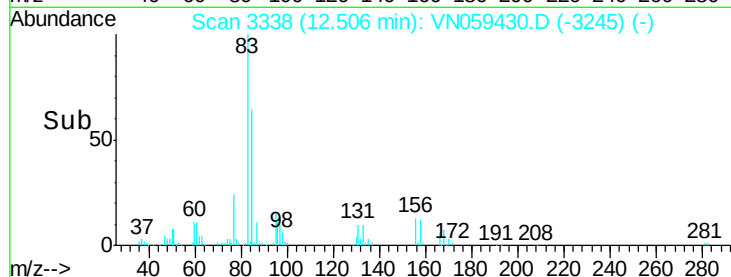
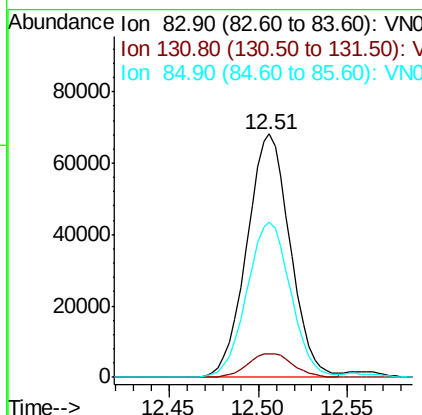
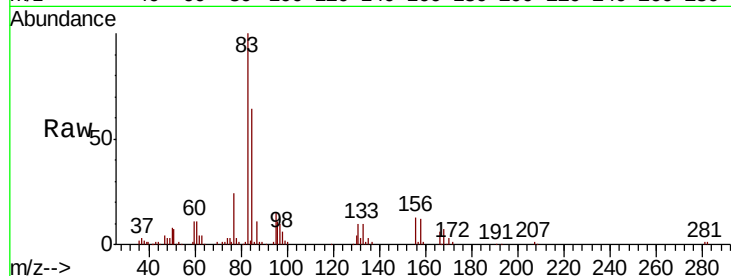
ClientSampleId :

VN1127WBS01

Tot Ion:	83	Resp:	115237
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.4	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.545 ug/l m

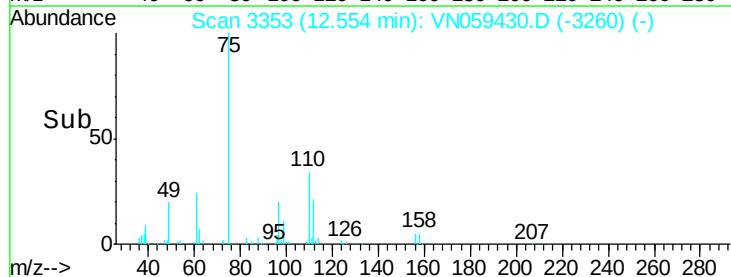
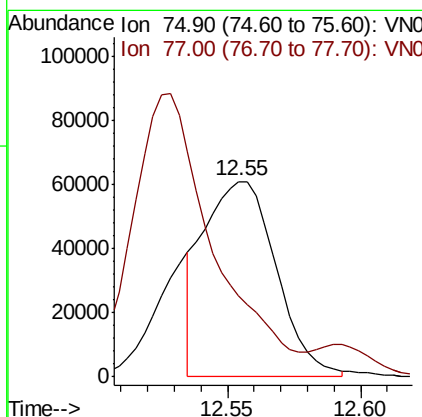
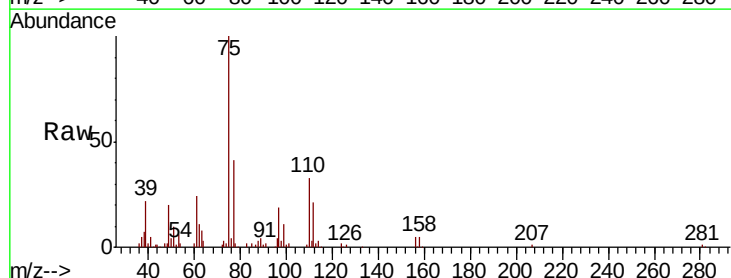
RT: 12.55 min Scan# 3353

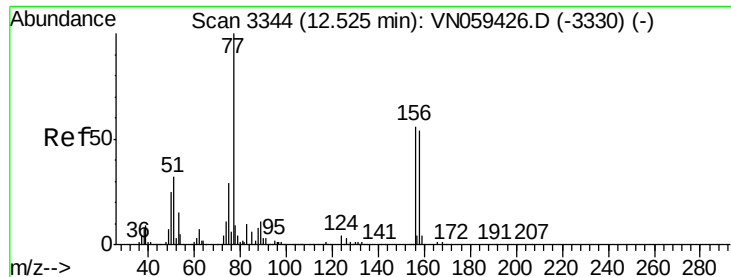
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	75	Resp:	115235
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.653 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

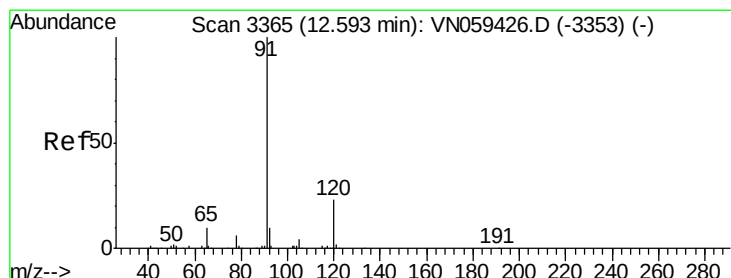
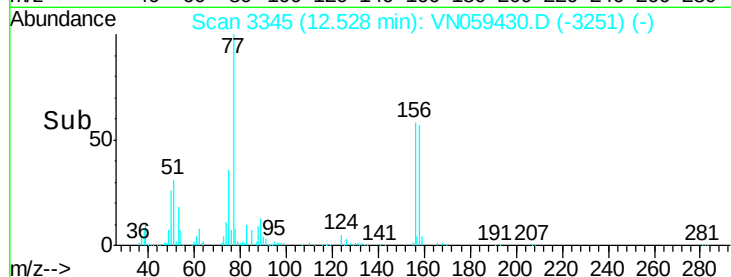
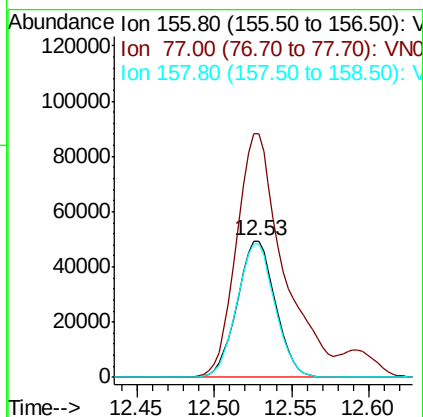
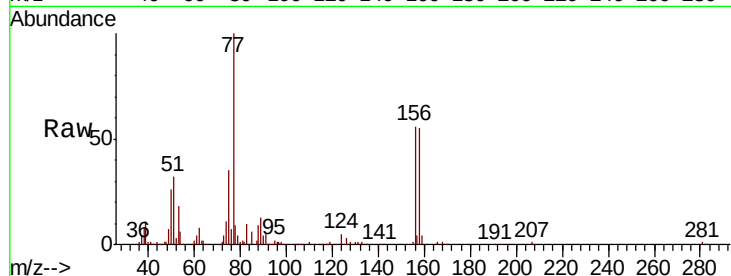
ClientSampled :

VN1127WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	219.8	108.7	326.3	
158	97.6	48.3	144.9	

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#78

n-propylbenzene

Concen: 20.933 ug/l

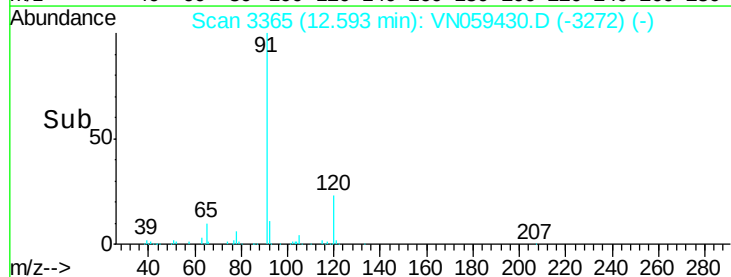
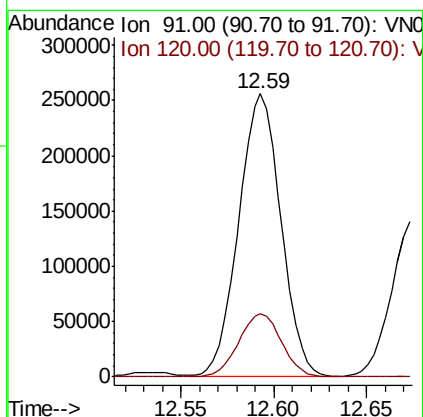
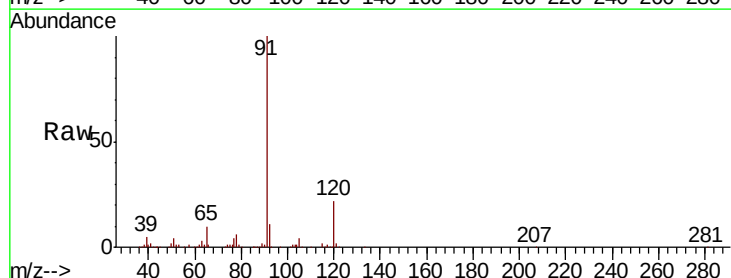
RT: 12.59 min Scan# 3365

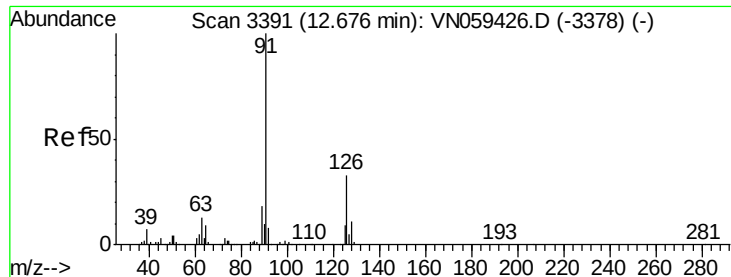
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.5	34.4	





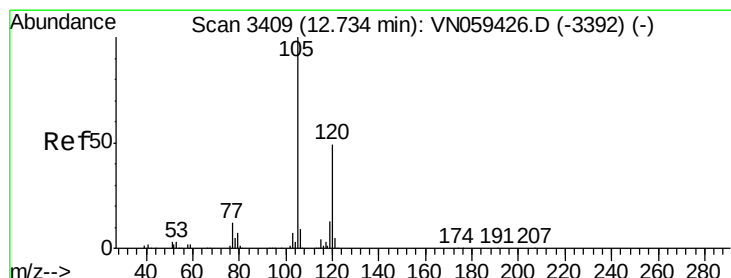
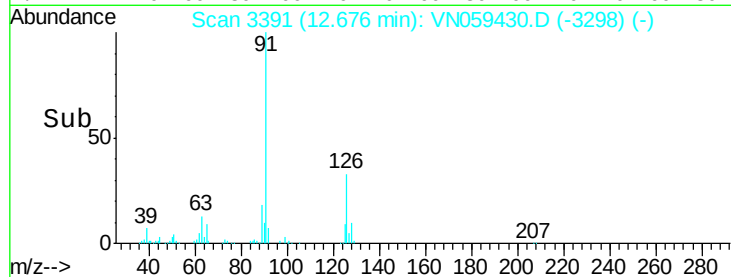
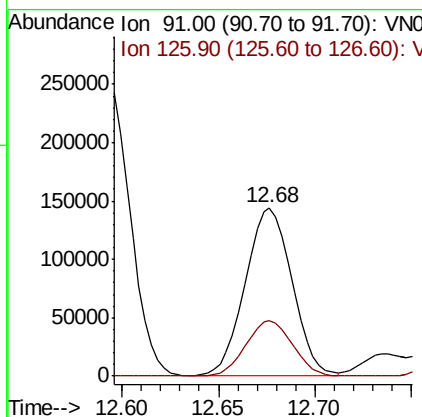
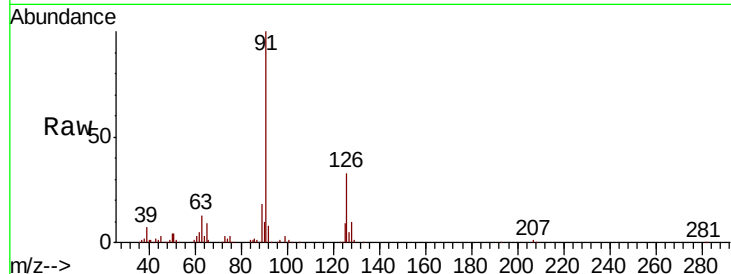
#79
 2-Chlorotoluene
 Concen: 20.888 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN1127WBS01

Tot Ion: 91 Resp: 240864
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.7 50.1

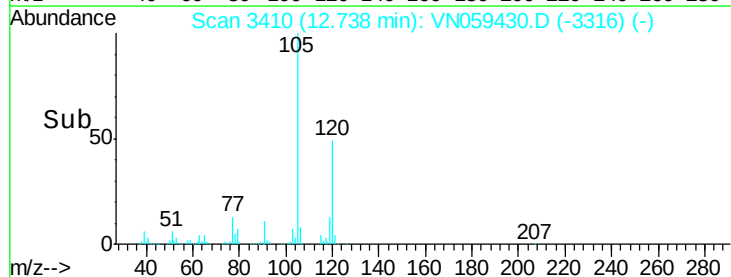
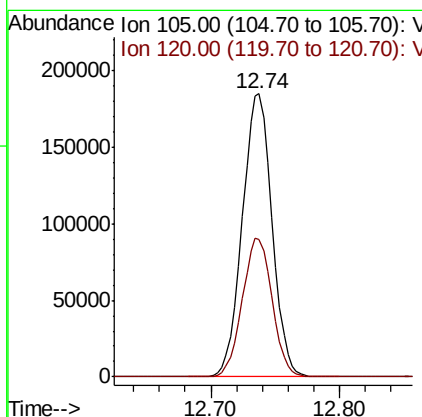
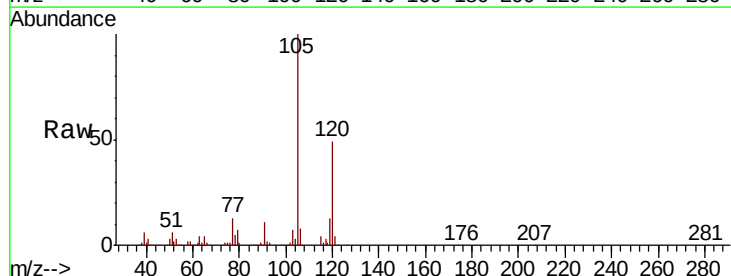
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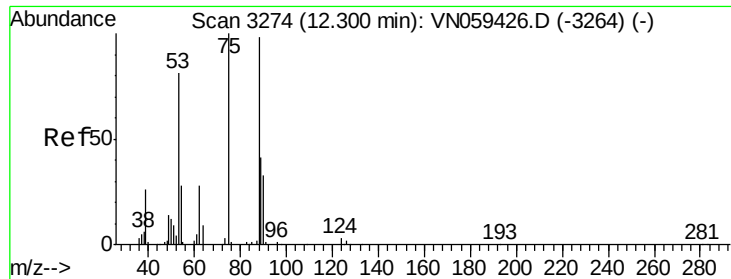
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.049 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion: 105 Resp: 296141
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.8





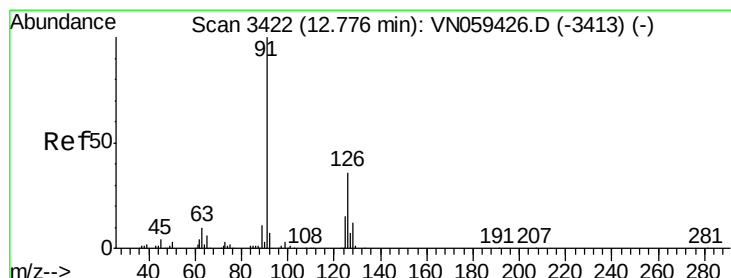
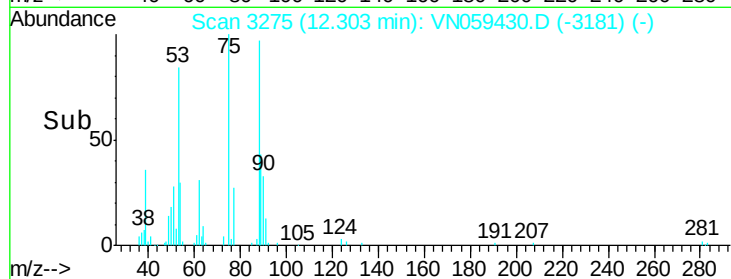
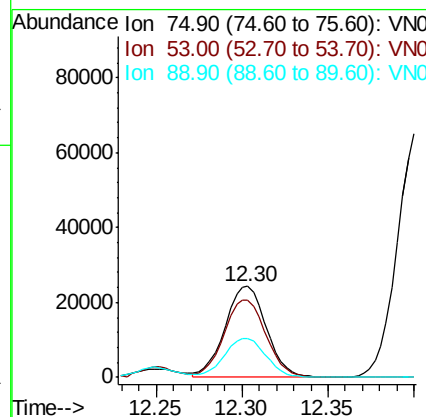
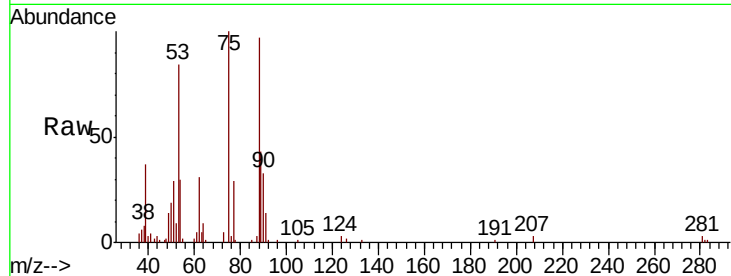
#81
trans-1,4-Dichloro-2-butene
Concen: 20.553 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.7	66.2	99.4
89	43.1	33.9	50.9

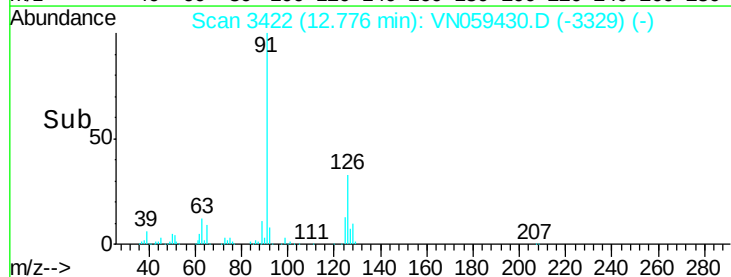
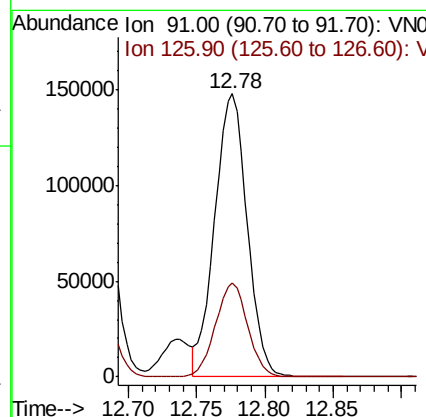
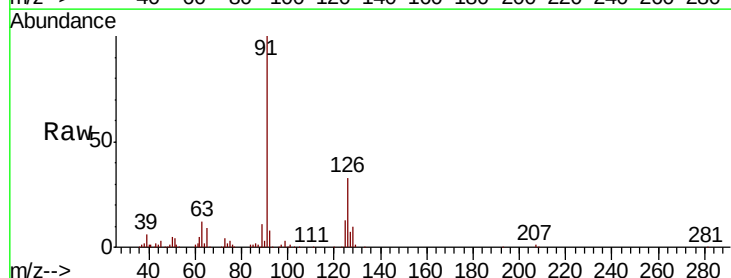
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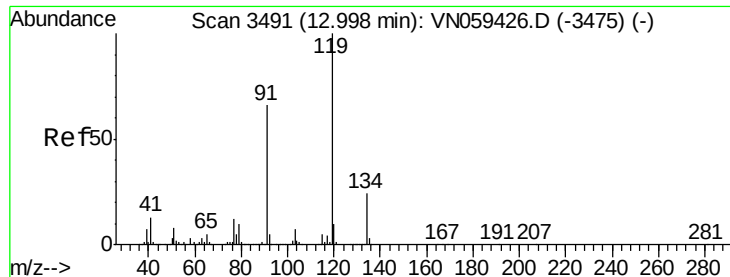
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#82
4-Chlorotoluene
Concen: 20.516 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.0





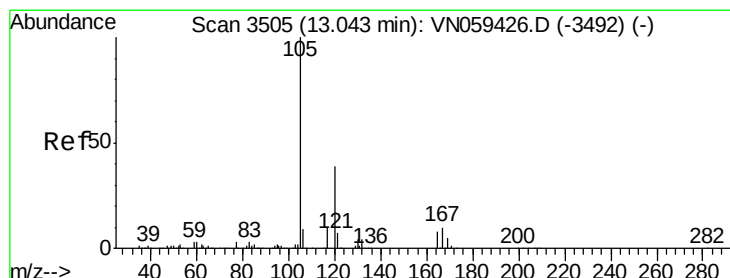
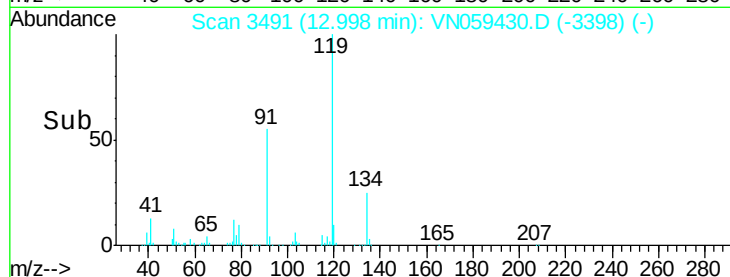
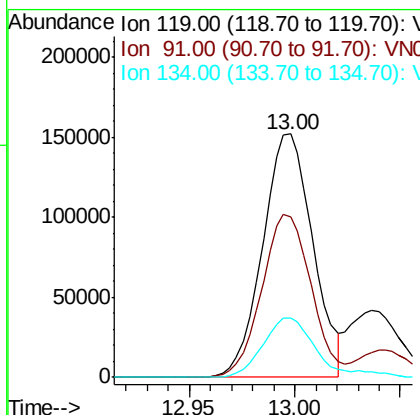
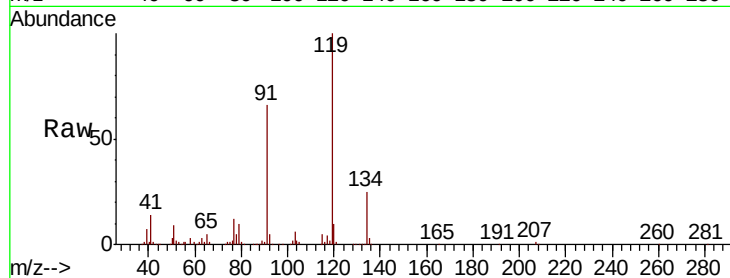
#83
 tert-Butylbenzene
 Concen: 20.820 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN1127WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	32.8	98.4
134	26.3	12.9	38.6

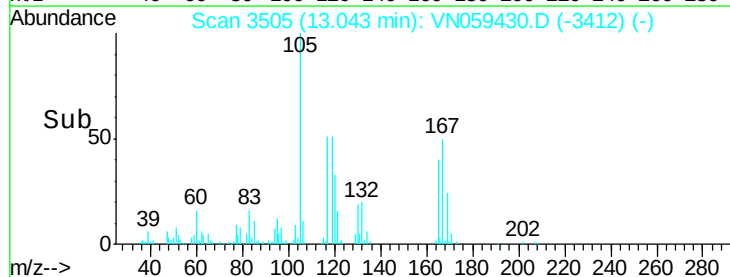
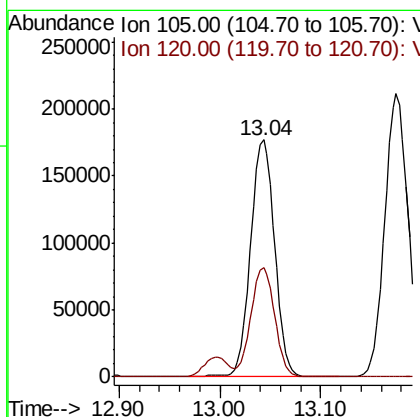
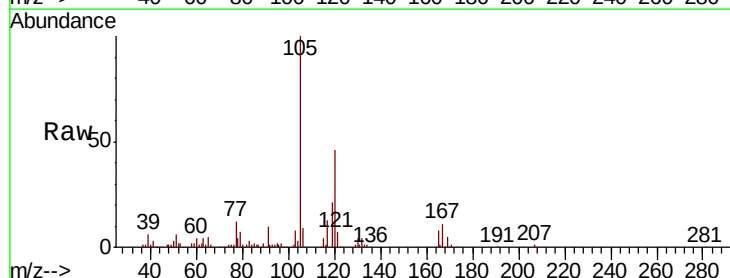
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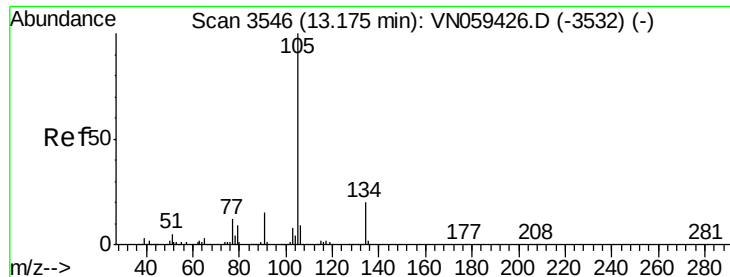
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.128 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.7





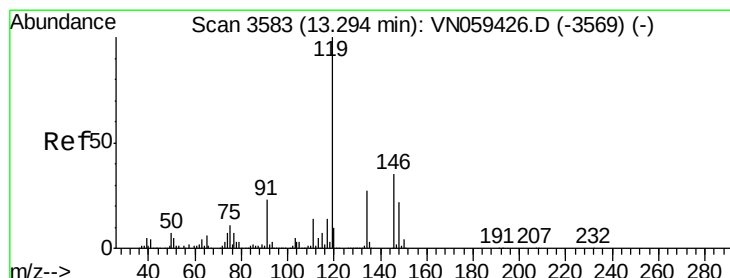
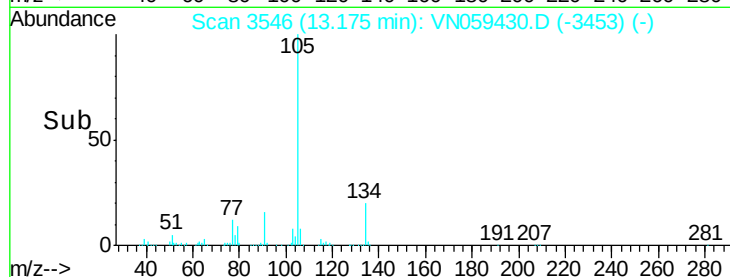
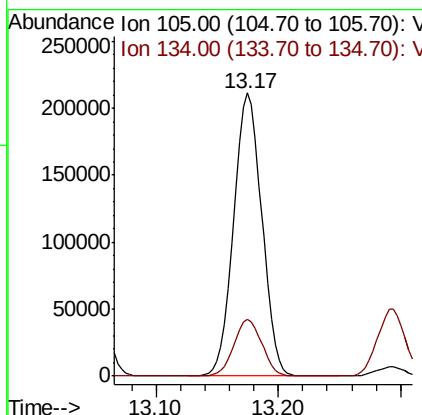
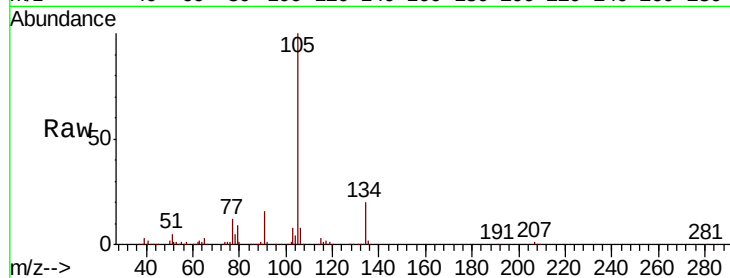
#85
 sec-Butylbenzene
 Concen: 21.122 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	338860		
134	19.9	9.9	29.7	

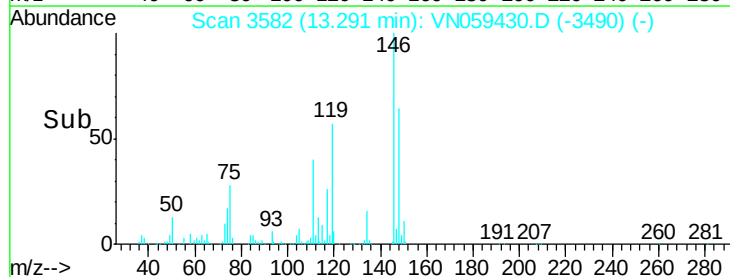
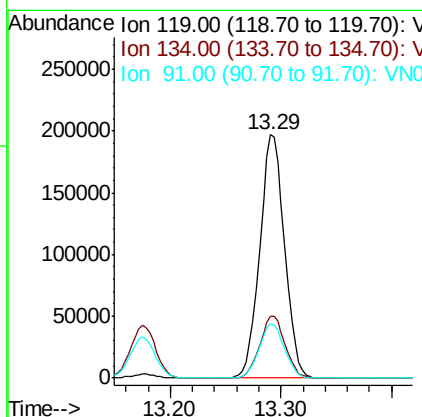
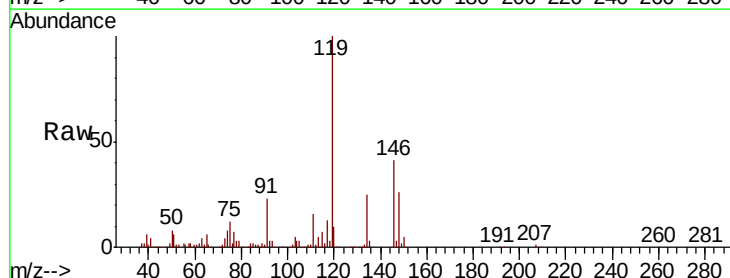
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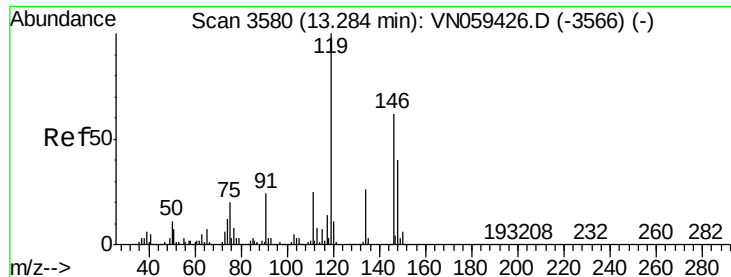
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#86
 p-Isopropyltoluene
 Concen: 21.153 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	306797		
134	25.9	13.3	39.8	
91	22.6	11.5	34.4	





#87

1,3-Dichlorobenzene

Concen: 20.520 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059430.D

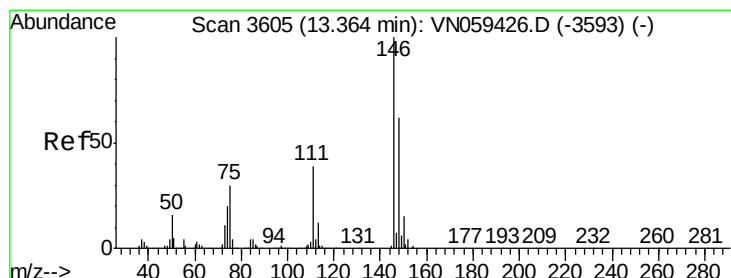
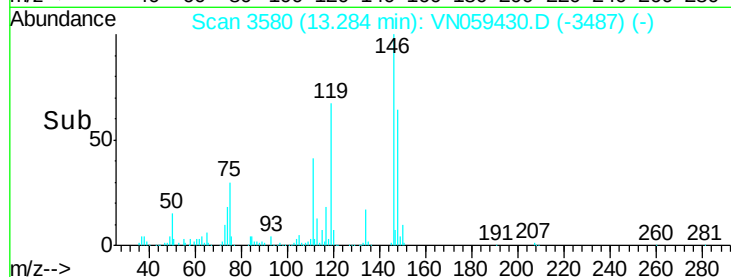
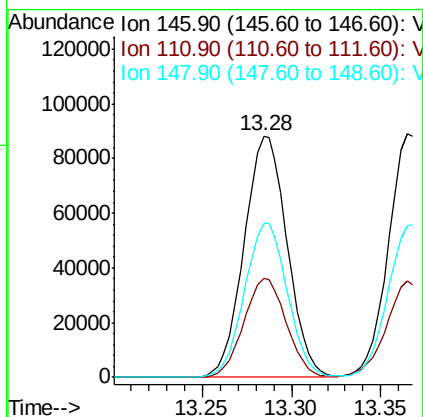
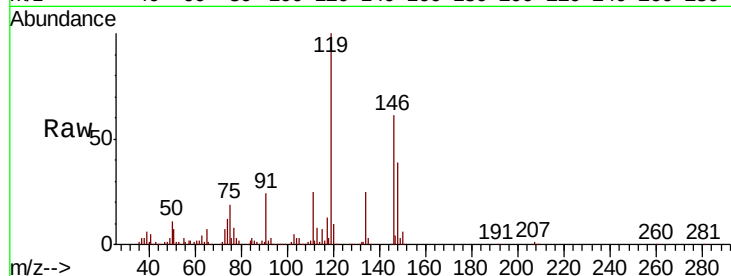
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	63.6	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 20.094 ug/l

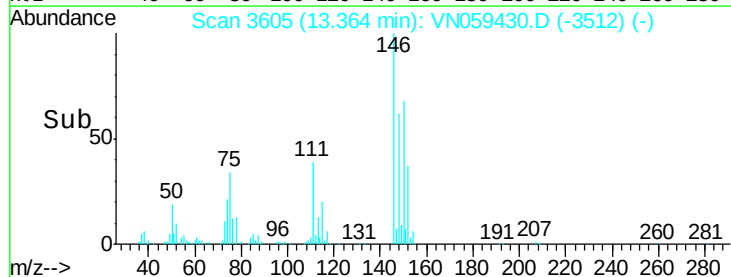
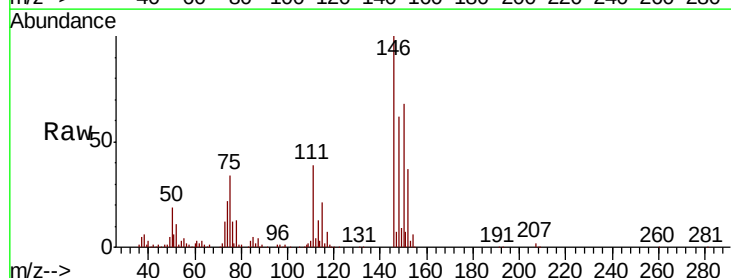
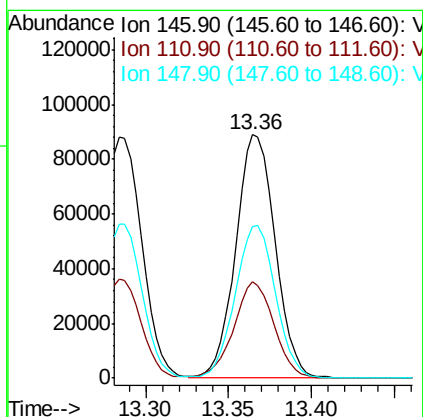
RT: 13.36 min Scan# 3605

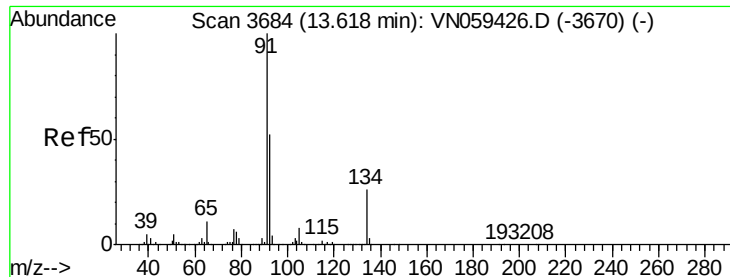
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	64.8	31.6	95.0





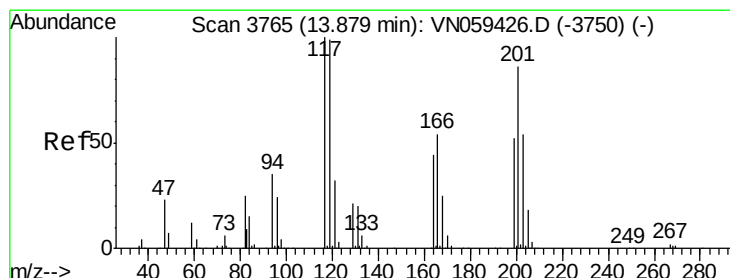
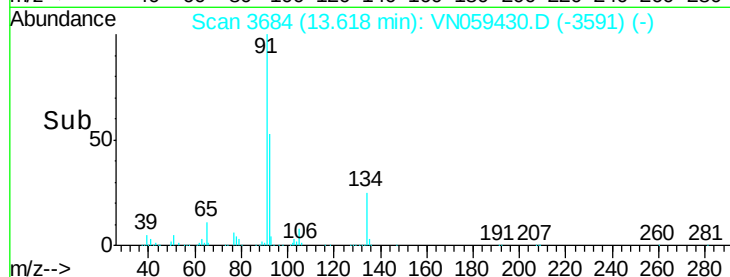
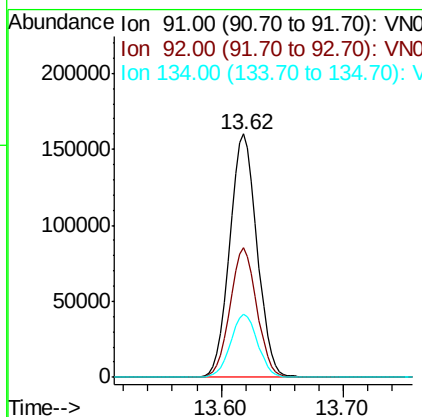
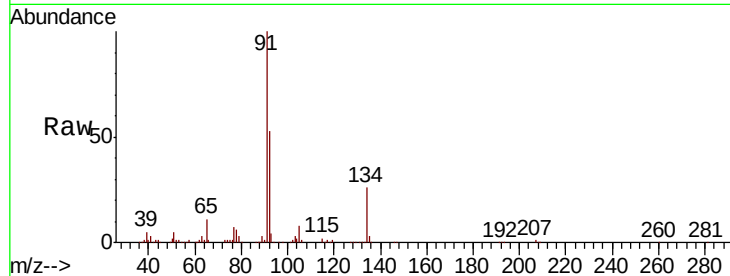
#89
n-Butylbenzene
Concen: 19.788 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampled :
VN1127WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.8
134	25.7	12.8	38.4

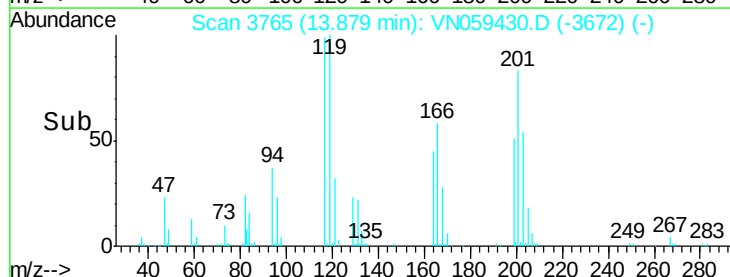
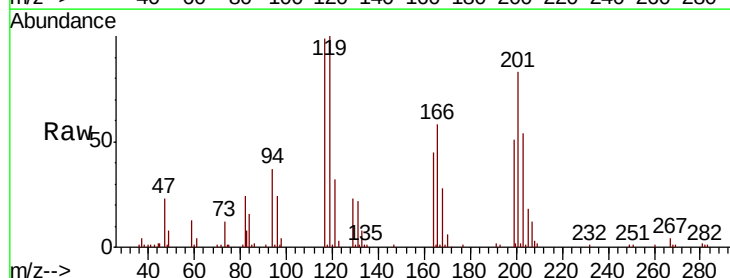
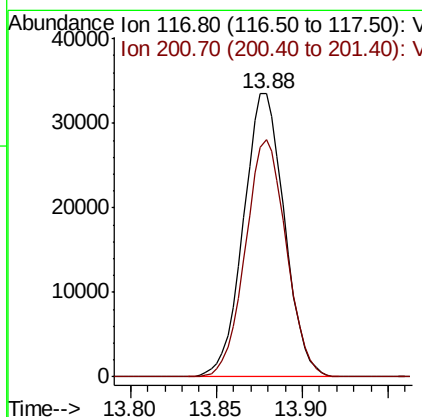
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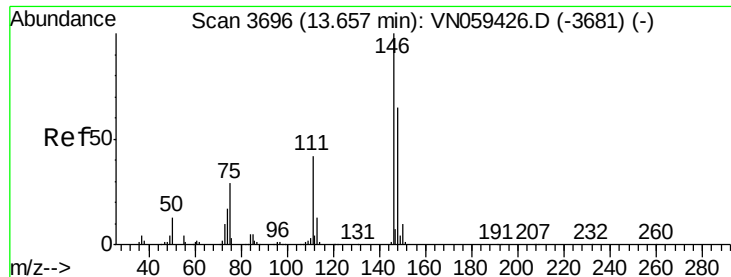
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#90
Hexachloroethane
Concen: 20.034 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	42.1	126.4





#91

1,2-Dichlorobenzene

Concen: 20.478 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Instrument :

MSVOA_N

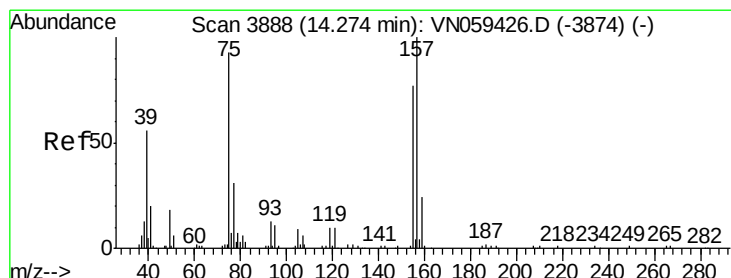
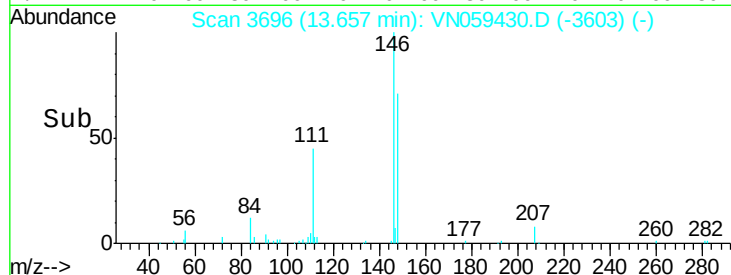
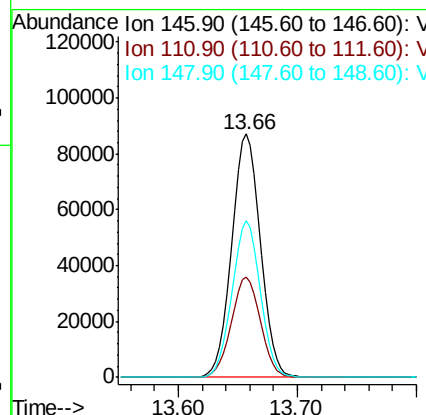
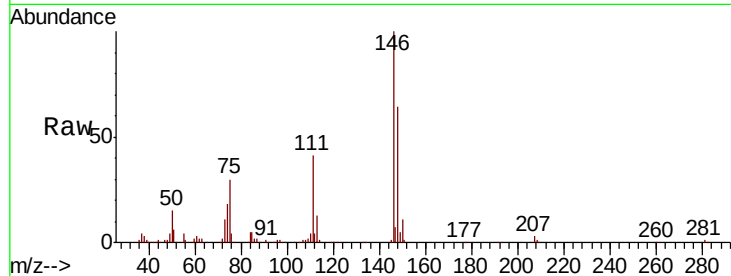
ClientSampleId :

VN1127WBS01

Tot Ion:	146	Resp:	145718
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	63.7
148	63.4	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 25.695 ug/l

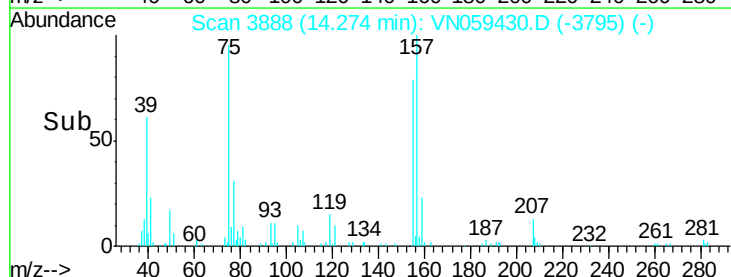
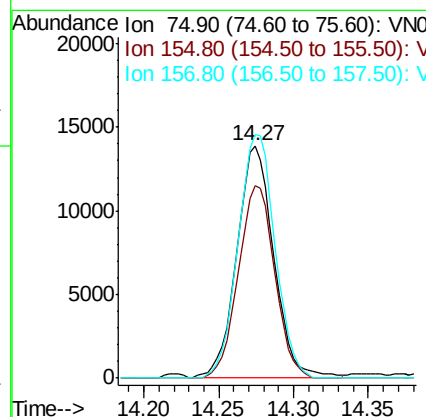
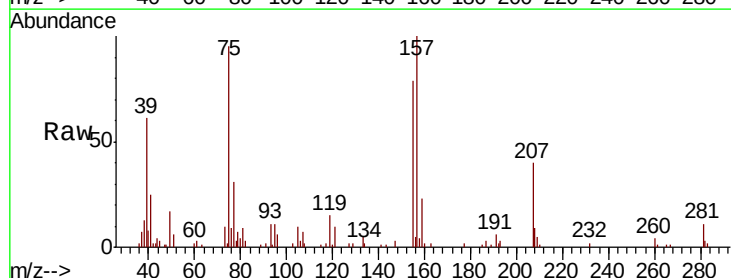
RT: 14.27 min Scan# 3888

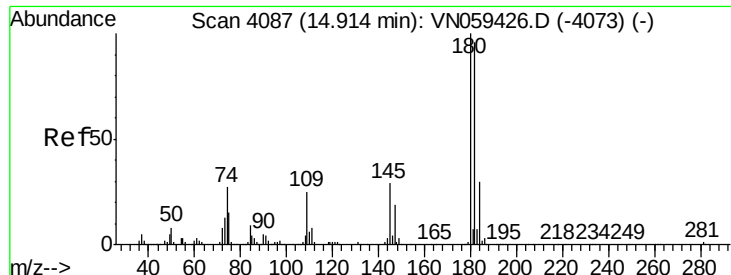
Delta R.T. 0.00 min

Lab File: VN059430.D

Acq: 27 Nov 2019 18:48

Tgt Ion:	75	Resp:	23991
Ion Ratio	Lower	Upper	
75	100		
155	81.1	41.9	125.8
157	104.3	54.1	162.3





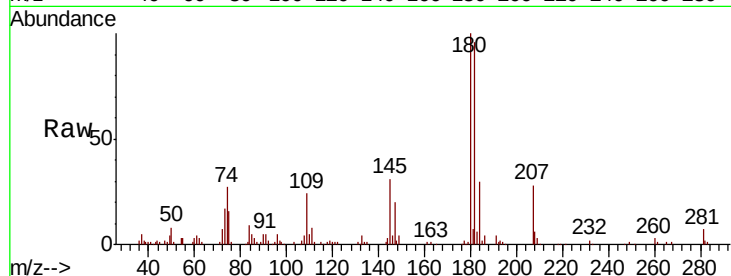
#93
 1,2,4-Trichlorobenzene
 Concen: 18.419 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	142.0
145	29.7	14.8	44.4

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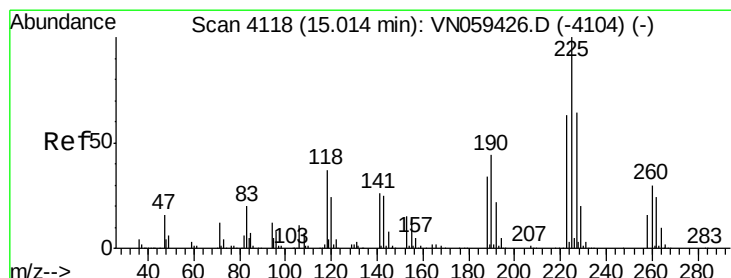
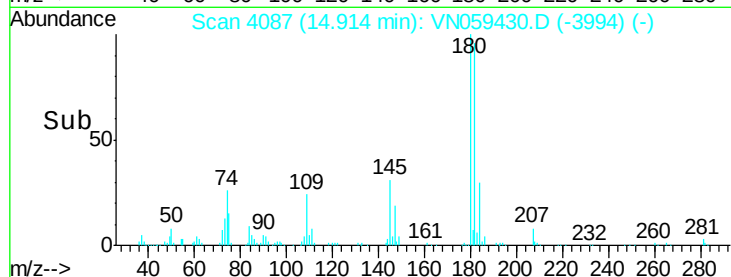
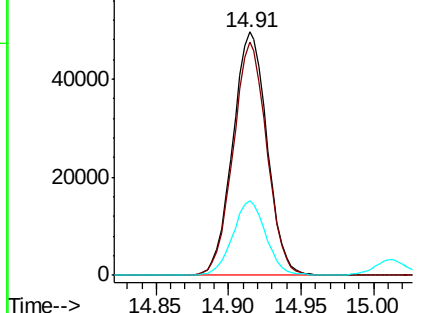


Abundance

Ion 179.80 (179.50 to 180.50): V

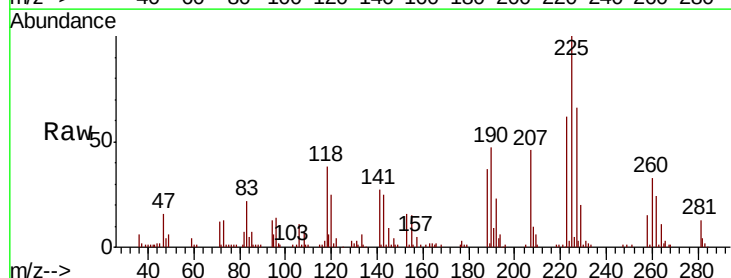
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.447 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059430.D
 Acq: 27 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.5	94.5
227	65.7	31.9	95.7

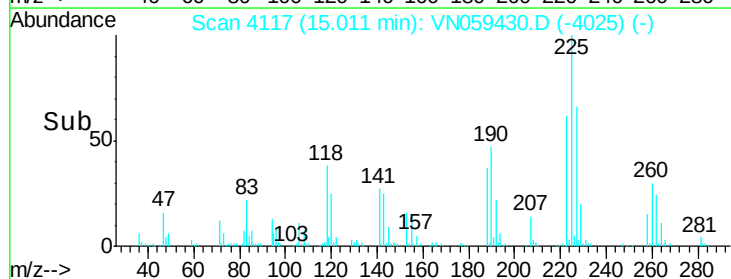
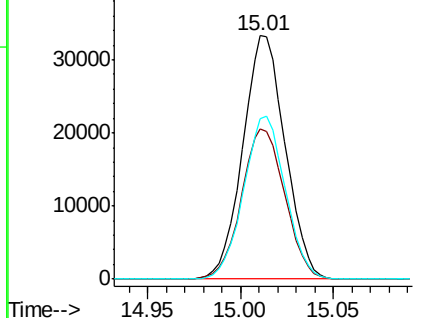


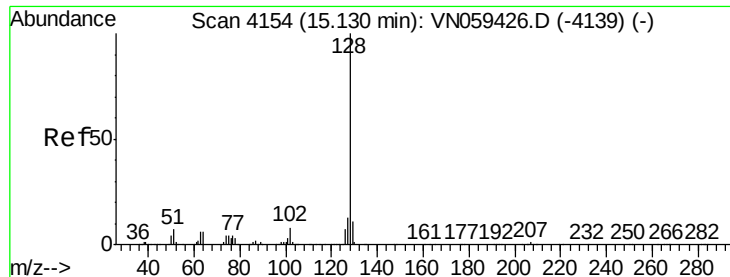
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





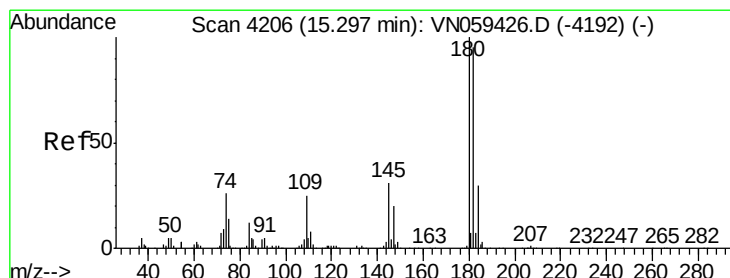
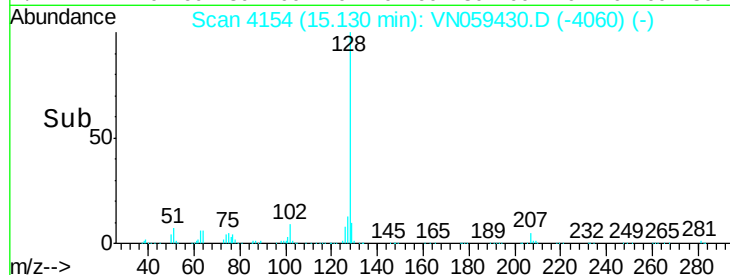
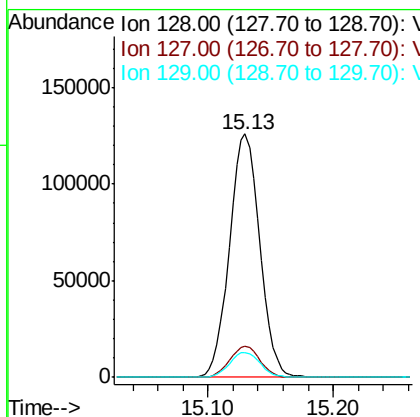
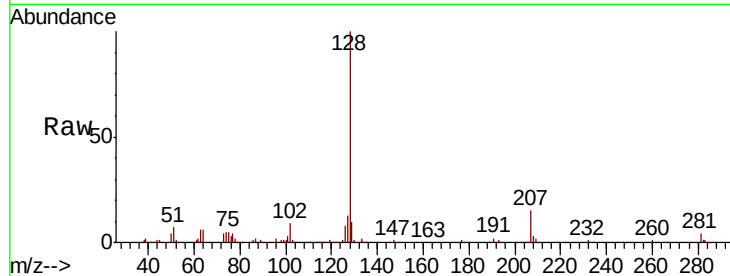
#95
Naphthalene
Concen: 22.808 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
210741	128	100			
	127	12.8	10.1	15.1	
	129	10.5	8.6	12.8	

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#96
1,2,3-Trichlorobenzene
Concen: 22.217 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059430.D
Acq: 27 Nov 2019 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
81288	180	100			
	182	97.2	47.5	142.6	
	145	33.2	15.7	47.1	

