

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059594.D
 Acq On : 13 Dec 2019 19:18
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Manual Integrations
 APPROVED

apatel
 12/16/2019 12:49:21 PM

Quant Time: Dec 13 23:30:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	271042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	435468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	402383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	187982	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
35) Dibromofluoromethane	7.57	113	128794	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
50) Toluene-d8	10.08	98	524242	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.40	95	191333	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	165355	47.212	ug/l	98
3) Chloromethane	2.04	50	259043	46.607	ug/l	99
4) Vinyl Chloride	2.17	62	253422	48.082	ug/l	99
5) Bromomethane	2.53	94	147969	48.292	ug/l	100
6) Chloroethane	2.68	64	136944	46.230	ug/l	99
7) Trichlorofluoromethane	2.99	101	288180	49.833	ug/l	99
8) Diethyl Ether	3.38	74	90262	49.955	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	140748	48.296	ug/l	100
10) Methyl Iodide	3.92	142	194698	50.465	ug/l	99
11) Tert butyl alcohol	4.75	59	153779	212.674	ug/l	99
12) 1,1-Dichloroethene	3.71	96	134484	47.306	ug/l	95
13) Acrolein	3.58	56	120439	233.830	ug/l	98
14) Allyl chloride	4.29	41	271487	46.519	ug/l	99
15) Acrylonitrile	4.95	53	437542	250.164	ug/l	100
16) Acetone	3.78	43	508889	217.323	ug/l	99
17) Carbon Disulfide	4.02	76	424847	43.507	ug/l	100
18) Methyl Acetate	4.29	43	231259	47.131	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	493764	49.191	ug/l	98
20) Methylene Chloride	4.52	84	158990	47.013	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	151242	47.722	ug/l	99
22) Diisopropyl ether	5.92	45	536355	49.851	ug/l	98
23) Vinyl Acetate	5.86	43	2090134	247.544	ug/l	100
24) 1,1-Dichloroethane	5.82	63	299660	49.167	ug/l	100
25) 2-Butanone	6.80	43	673027	240.355	ug/l	99
26) 2,2-Dichloropropane	6.80	77	268584	48.488	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	174504	49.691	ug/l	100
28) Bromochloromethane	7.17	49	103779	40.611	ug/l	98
29) Tetrahydrofuran	7.18	42	414299	242.837	ug/l	99
30) Chloroform	7.35	83	293874	48.986	ug/l	100
31) Cyclohexane	7.63	56	273409	47.477	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	263651	48.747	ug/l	99
36) 1,1-Dichloropropene	7.77	75	229798	50.602	ug/l	99
37) Ethyl Acetate	6.90	43	261155	49.478	ug/l	100
38) Carbon Tetrachloride	7.75	117	233195	49.486	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	265240	51.491	ug/l	99
40) Benzene	8.02	78	657976	49.578	ug/l	100
41) Methacrylonitrile	7.15	41	116859m	53.647	ug/l	
42) 1,2-Dichloroethane	8.10	62	250430	49.273	ug/l	100
43) Isopropyl Acetate	8.14	43	417674	50.898	ug/l	100
44) Trichloroethene	8.82	130	171517	49.340	ug/l	98
45) 1,2-Dichloropropane	9.10	63	179012	49.951	ug/l	98
46) Dibromomethane	9.19	93	114747	48.872	ug/l	97
47) Bromodichloromethane	9.39	83	235731	50.358	ug/l	99
48) Methyl methacrylate	9.18	41	186988	50.223	ug/l	100
49) 1,4-Dioxane	9.18	88	45515	853.065	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1287828	263.213	ug/l	100
52) Toluene	10.14	92	405722	49.755	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	271831	50.210	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	284702	50.028	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	159701	49.909	ug/l	99
56) Ethyl methacrylate	10.42	69	253222	53.307	ug/l	99
57) 1,3-Dichloropropane	10.70	76	279381	50.146	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	299898	198.506	ug/l	99
59) 2-Hexanone	10.74	43	1019020	264.261	ug/l	99
60) Dibromochloromethane	10.90	129	177395	50.795	ug/l	99
61) 1,2-Dibromoethane	11.00	107	170868	50.351	ug/l	98
64) Tetrachloroethene	10.62	164	194736	51.916	ug/l	99
65) Chlorobenzene	11.43	112	428523	49.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	162535	49.148	ug/l	99
67) Ethyl Benzene	11.51	91	793524	50.492	ug/l	99
68) m/p-Xylenes	11.62	106	590162	101.694	ug/l	99
69) o-Xylene	11.94	106	282044	51.077	ug/l	99
70) Styrene	11.96	104	458232	51.649	ug/l	99
71) Bromoform	12.12	173	128711	51.776	ug/l #	98
73) Isopropylbenzene	12.25	105	760198	49.546	ug/l	99
74) N-amyl acetate	12.07	43	359007	51.010	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	234173	48.114	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	234488m	48.462	ug/l	
77) Bromobenzene	12.53	156	178553	47.320	ug/l	98
78) n-propylbenzene	12.59	91	910646	50.209	ug/l	100
79) 2-Chlorotoluene	12.67	91	534556	48.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	650979	50.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	94667	48.323	ug/l	98
82) 4-Chlorotoluene	12.77	91	557082	49.610	ug/l	99
83) tert-Butylbenzene	12.99	119	543083	49.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	655300	50.756	ug/l	100
85) sec-Butylbenzene	13.17	105	746055	51.006	ug/l	99
86) p-Isopropyltoluene	13.29	119	680098	51.338	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	331619	47.795	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	327666	46.839	ug/l	99
89) n-Butylbenzene	13.62	91	627168	50.496	ug/l	99
90) Hexachloroethane	13.87	117	125465	50.104	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	325073	47.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57271	43.342	ug/l	100

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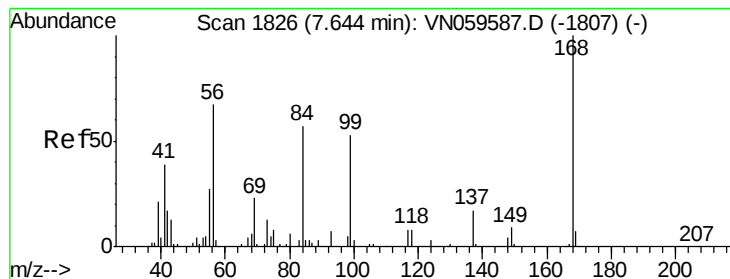
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	200039	45.272	ug/l	99
94) Hexachlorobutadiene	15.01	225	102314	44.263	ug/l	99
95) Naphthalene	15.12	128	589237	44.670	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	190965	42.731	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion:168 Resp: 271042

Ion Ratio Lower Upper

168 100

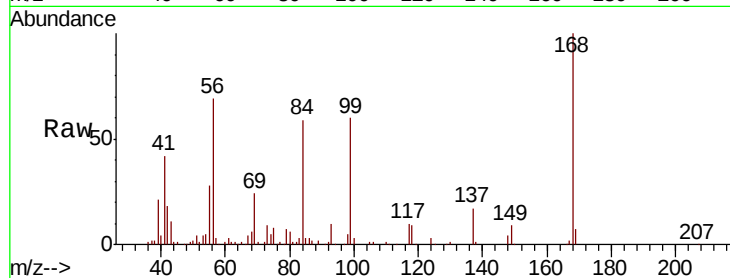
99 59.8 48.2 72.4

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

7.64

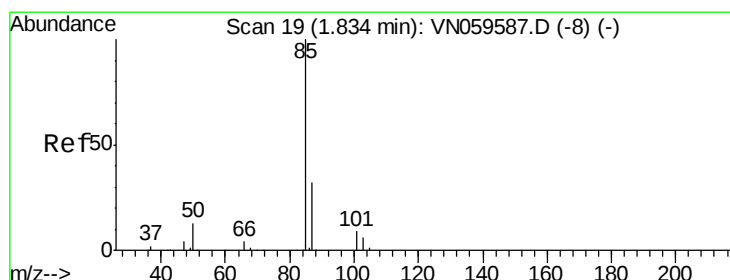
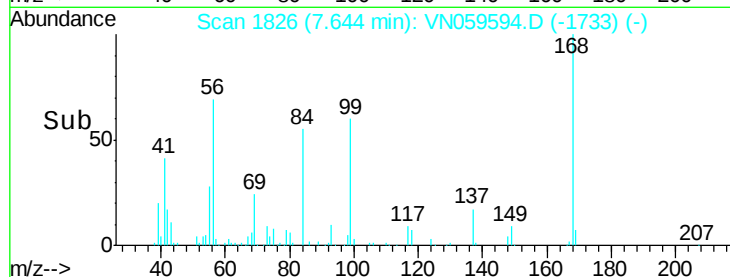
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.212 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059594.D

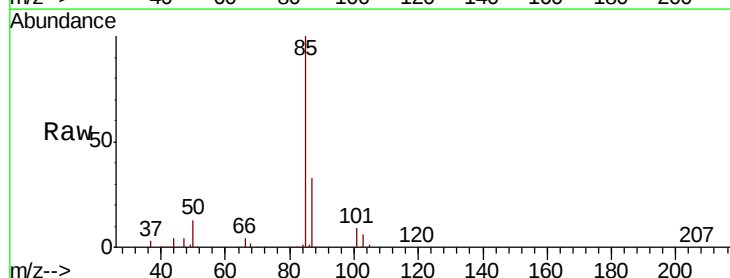
Acq: 13 Dec 2019 19:18

Tgt Ion: 85 Resp: 165355

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

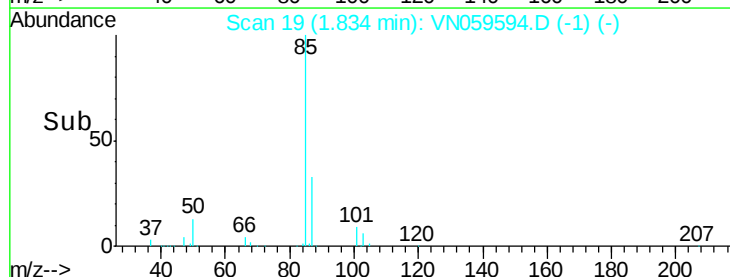
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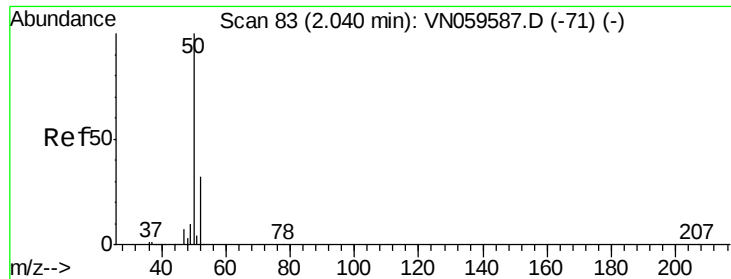
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 46.607 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 50 Resp: 259043

Ion Ratio Lower Upper

50 100

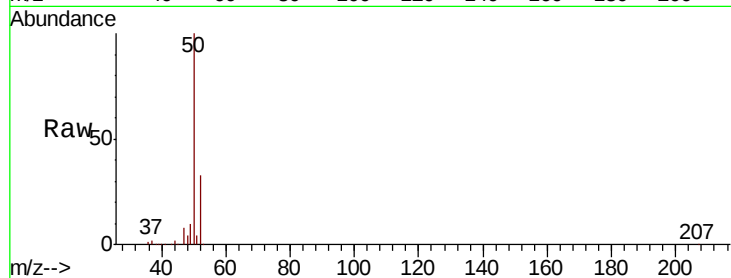
52 32.7 25.9 38.9

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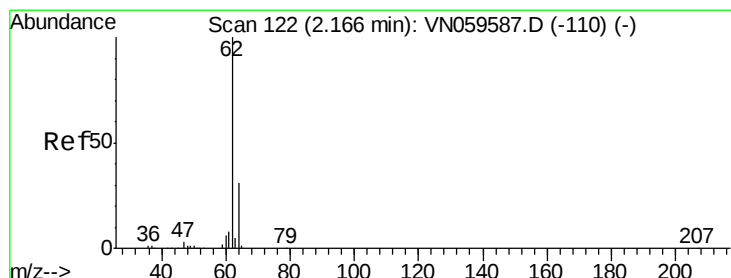
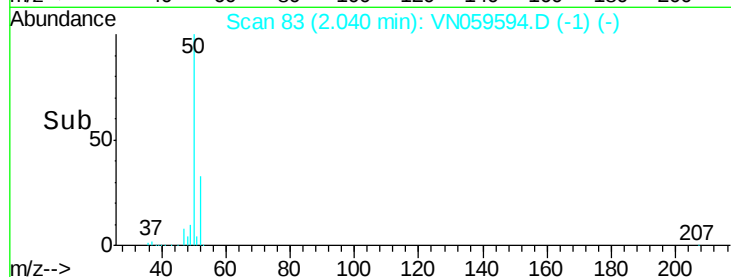
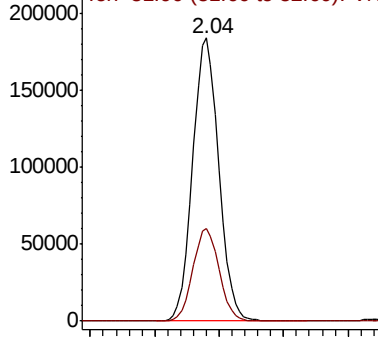
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 48.082 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059594.D

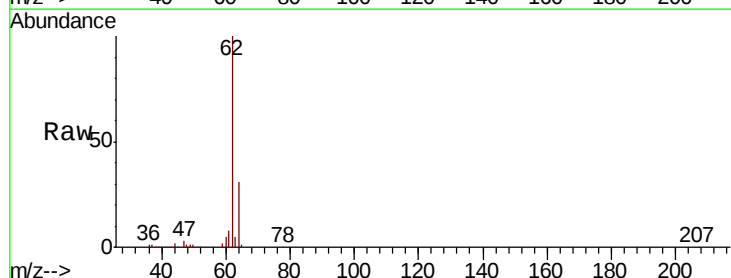
Acq: 13 Dec 2019 19:18

Tgt Ion: 62 Resp: 253422

Ion Ratio Lower Upper

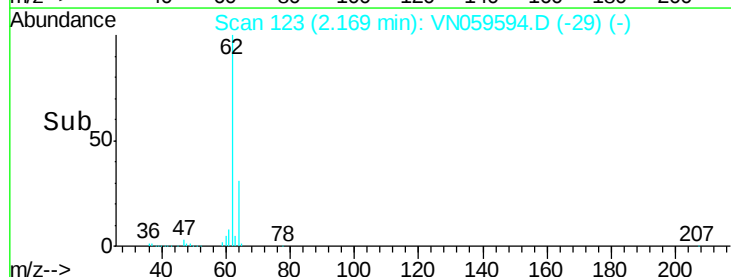
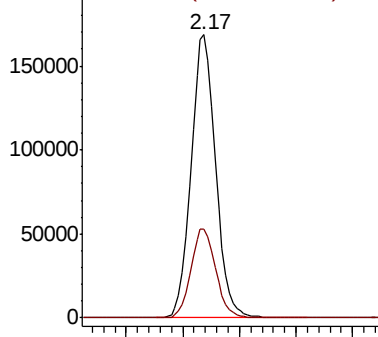
62 100

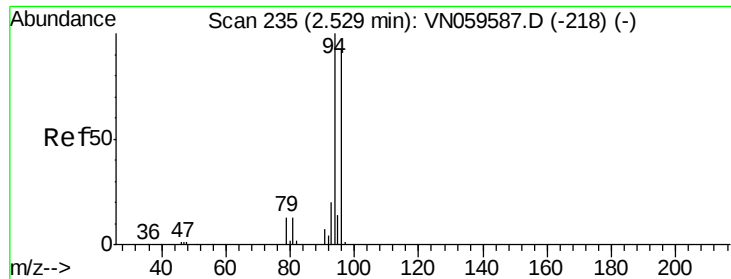
64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 48.292 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

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ClientSampleId :

ICVVN121319

Tot Ion: 94 Resp: 147969

Ion Ratio Lower Upper

94 100

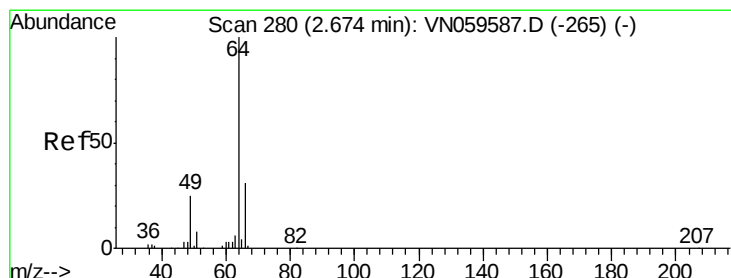
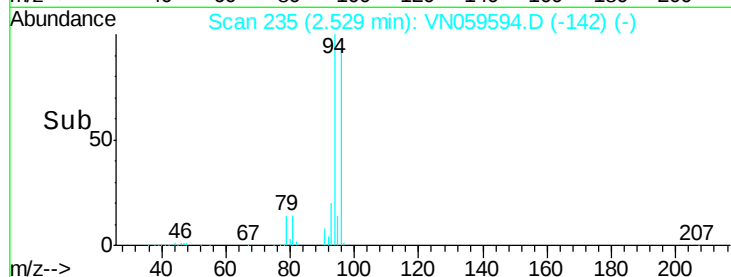
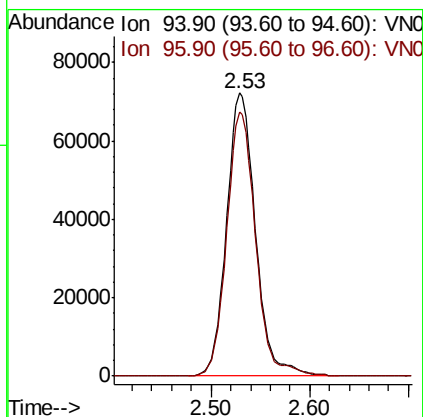
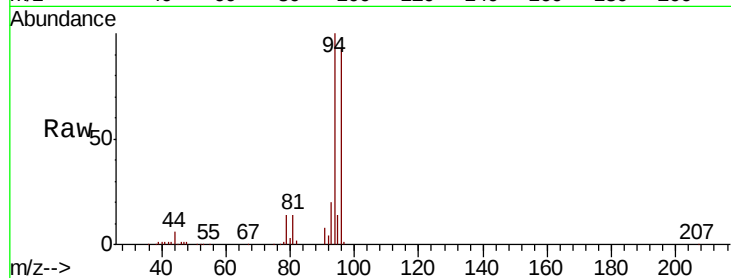
96 93.2 74.7 112.1

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#6

Chloroethane

Concen: 46.230 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN059594.D

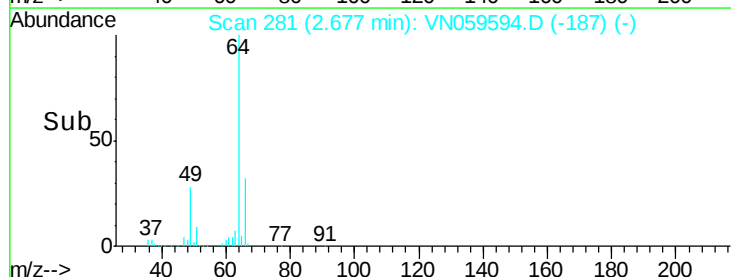
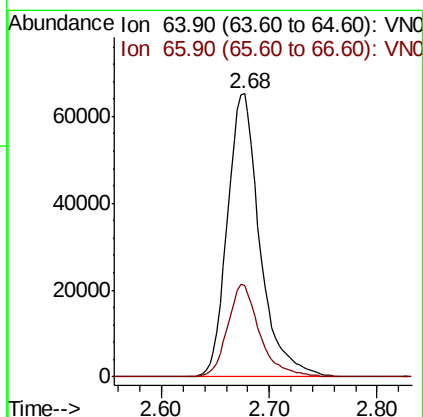
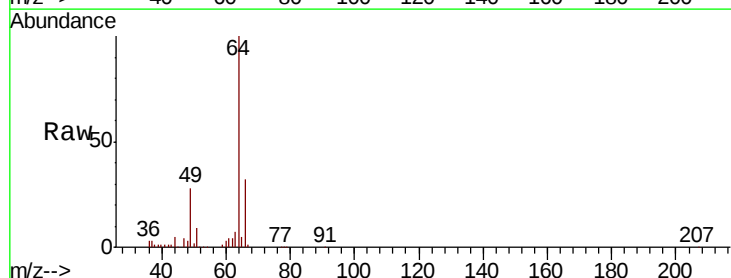
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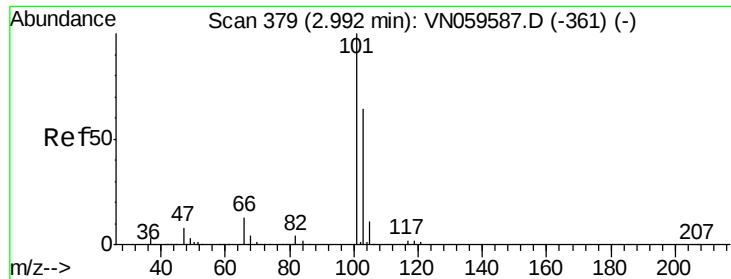
Tgt Ion: 64 Resp: 136944

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7





#7

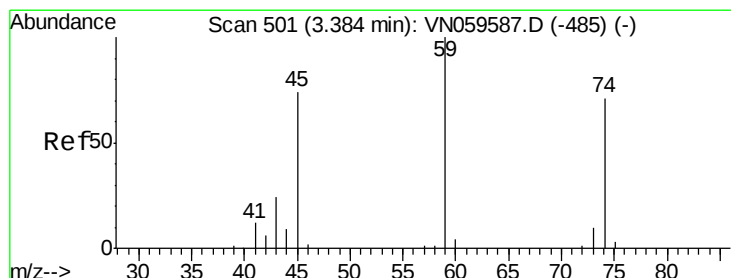
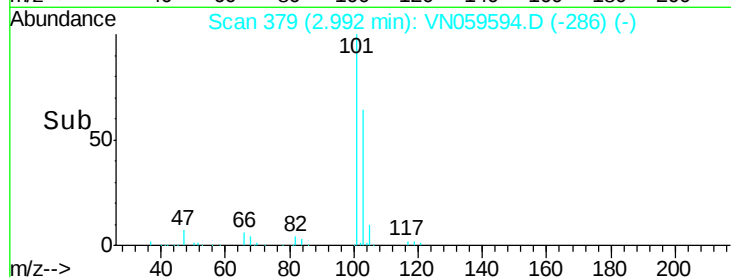
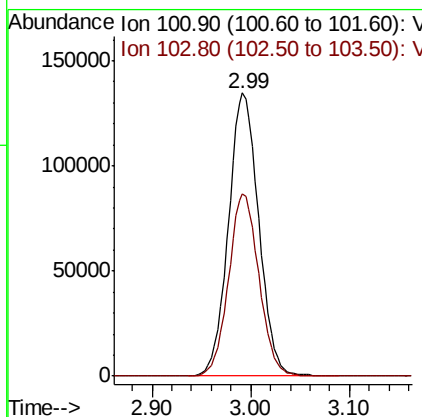
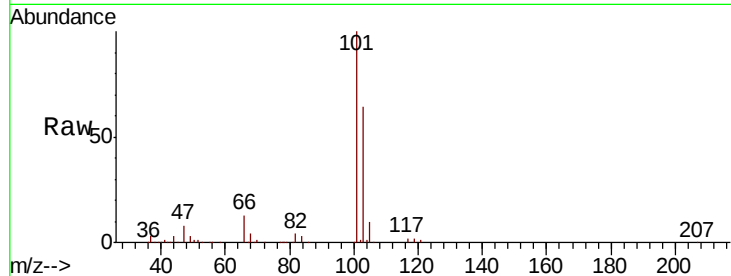
Trichlorofluoromethane
Concen: 49.833 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		288180		
103	64.4	51.0	76.6		

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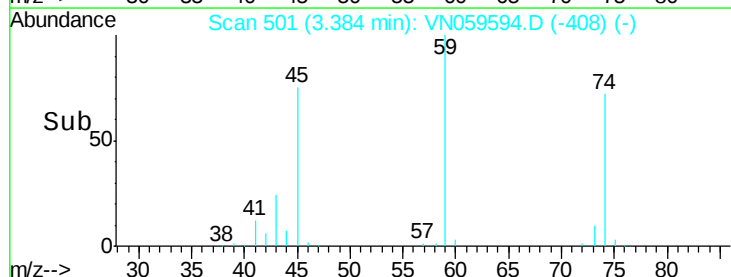
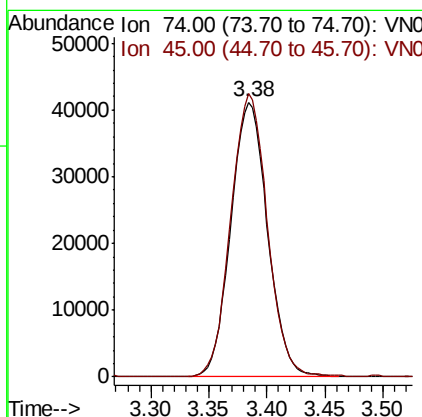
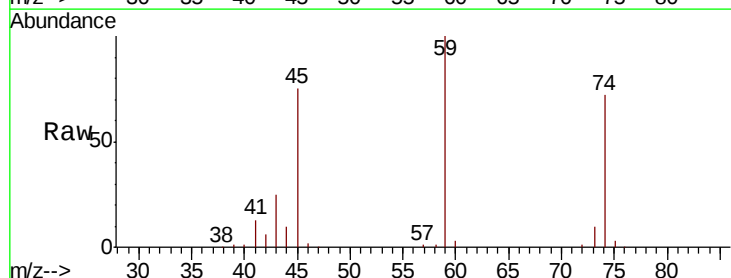
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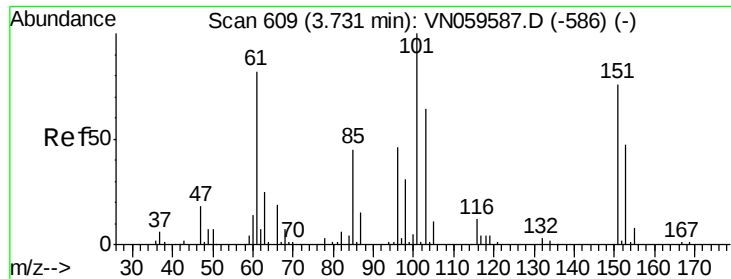


#8

Diethyl Ether
Concen: 49.955 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		90262		
45	102.8	51.9	155.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.296 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

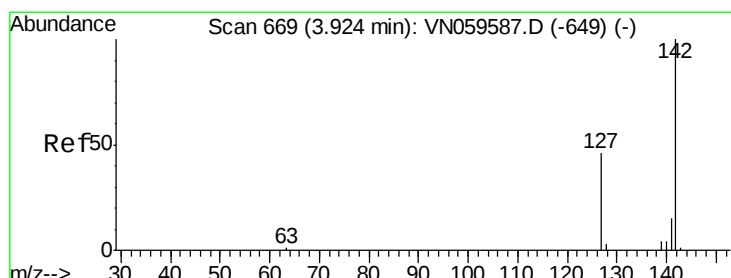
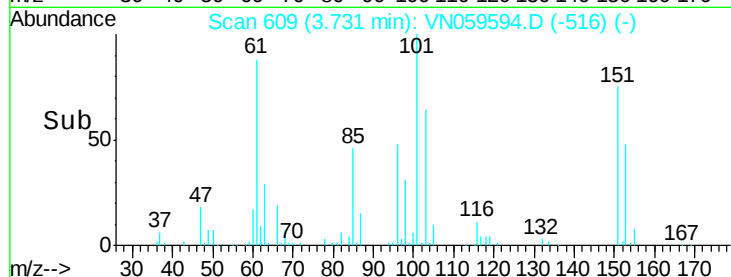
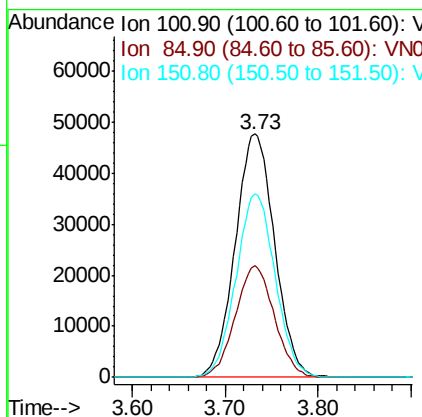
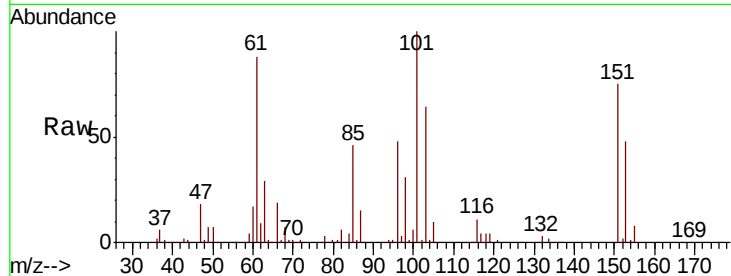
ClientSampleId :

ICVVN121319

Tot Ion:	101	Resp:	140748
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	54.8
151	74.9	59.7	89.5

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#10

Methyl Iodide

Concen: 50.465 ug/l

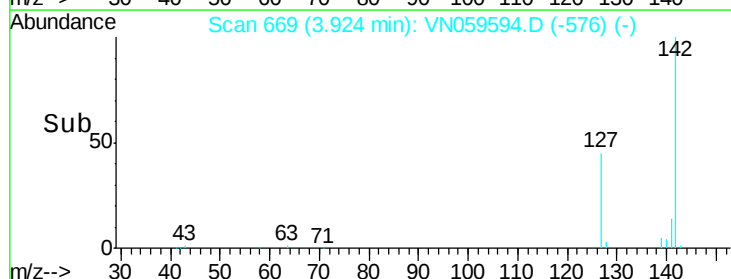
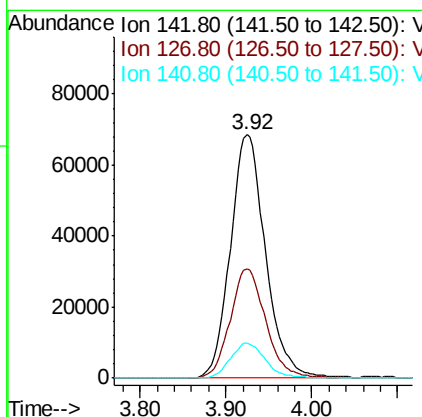
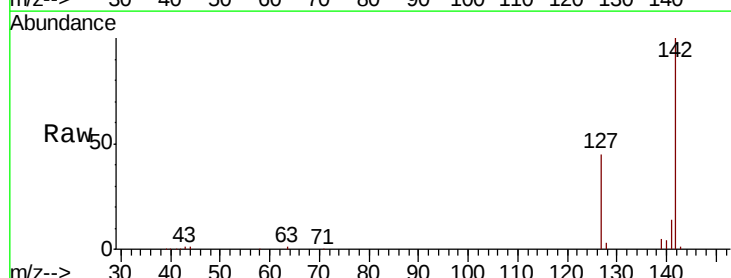
RT: 3.92 min Scan# 669

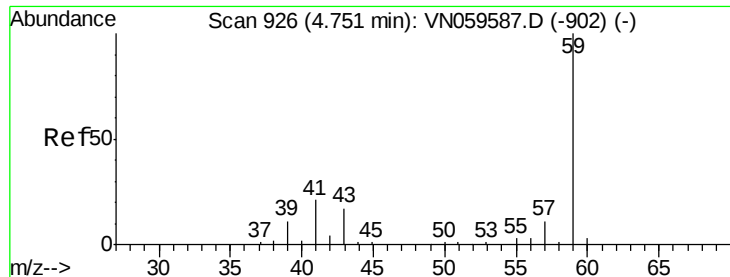
Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion:	142	Resp:	194698
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.7	55.1
141	14.3	11.7	17.5





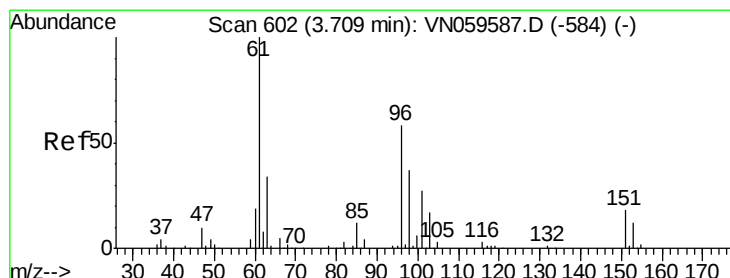
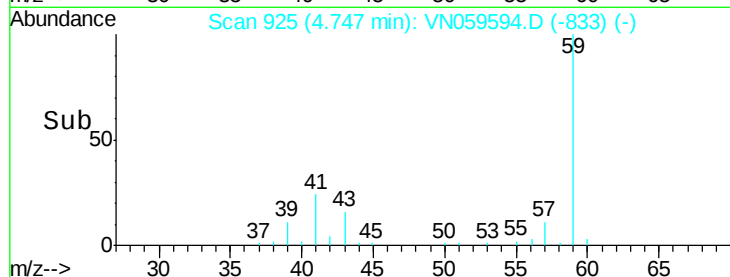
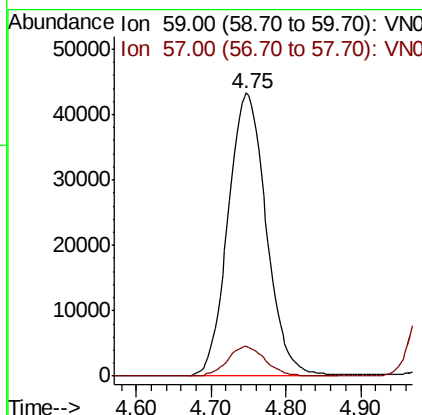
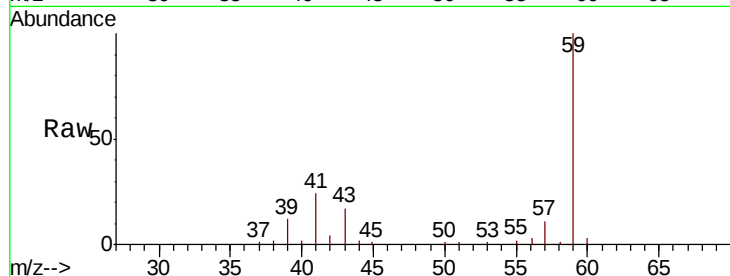
#11
Tert butyl alcohol
Concen: 212.674 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
59	100	153779		
57	10.3		8.6	12.8

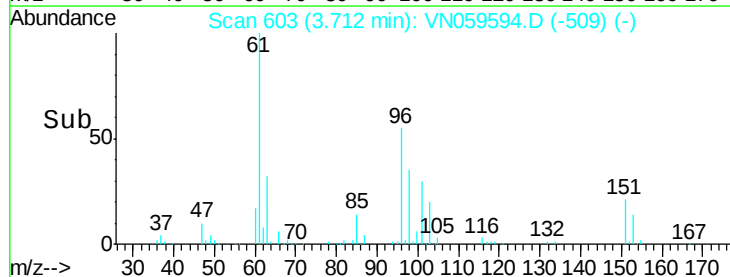
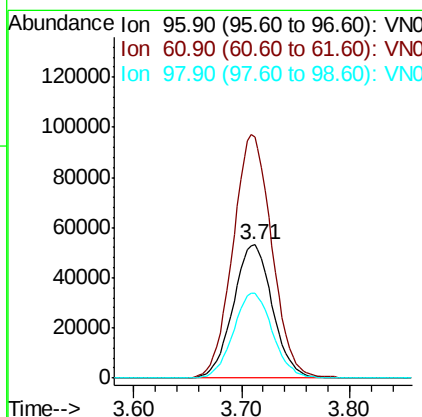
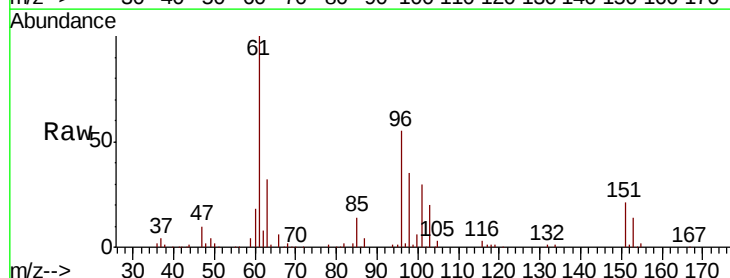
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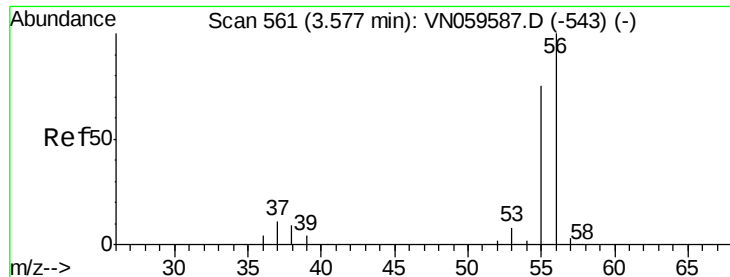
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#12
1,1-Dichloroethene
Concen: 47.306 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	134484		
61	181.4		137.5	206.3
98	63.7		50.2	75.4





#13

Acrolein

Concen: 233.830 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 56 Resp: 120439

Ion Ratio Lower Upper

56 100

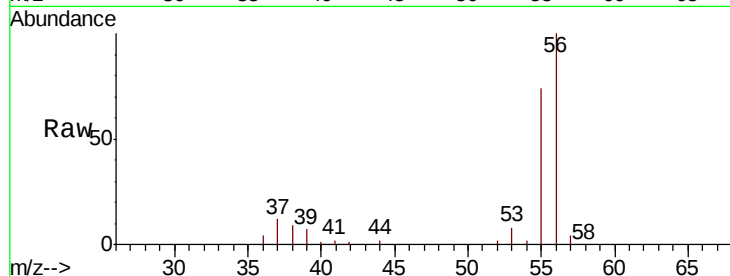
55 71.8 58.6 88.0

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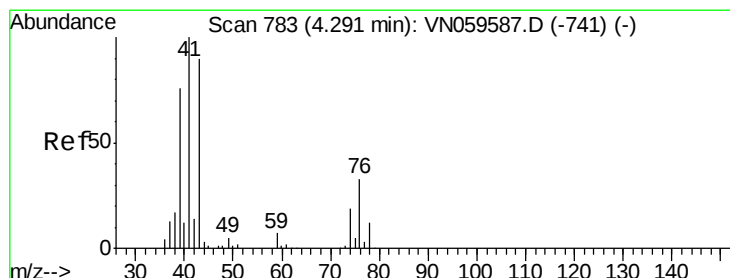
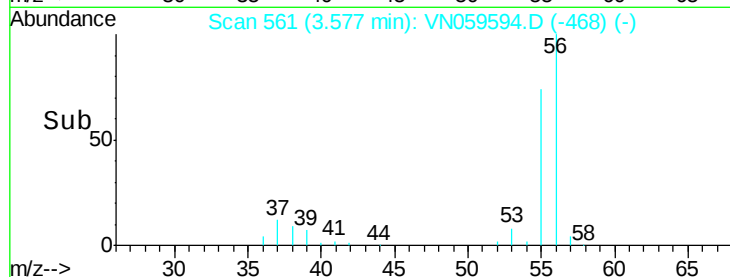
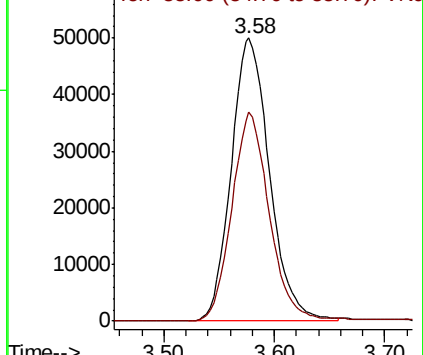
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.519 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

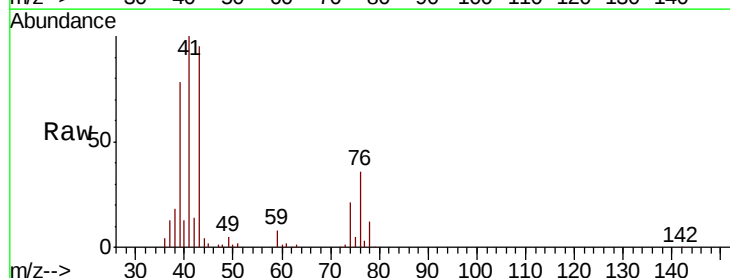
Tgt Ion: 41 Resp: 271487

Ion Ratio Lower Upper

41 100

39 73.3 57.8 86.8

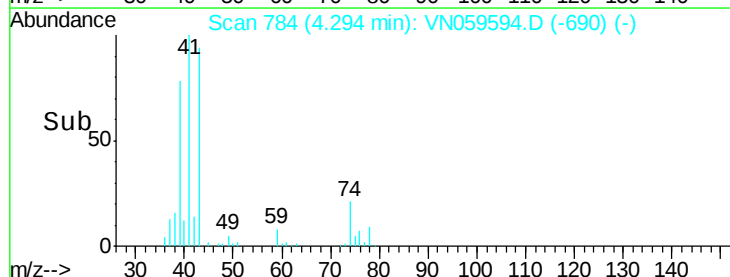
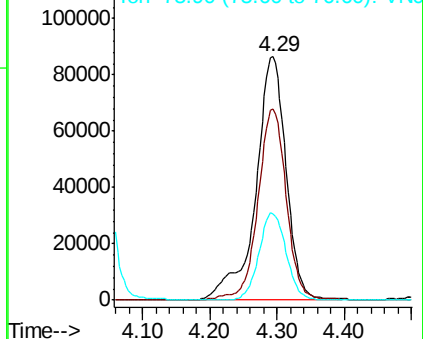
76 32.1 25.4 38.0

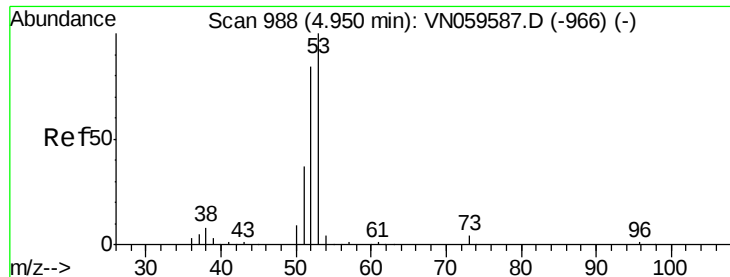


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 250.164 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

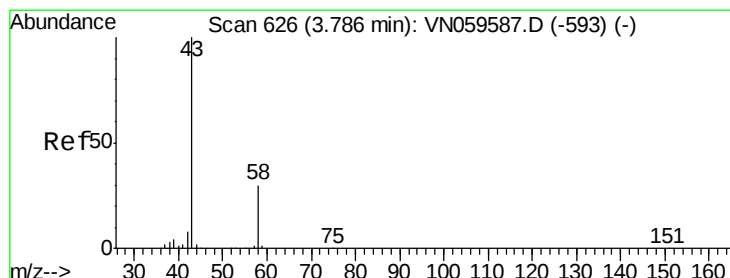
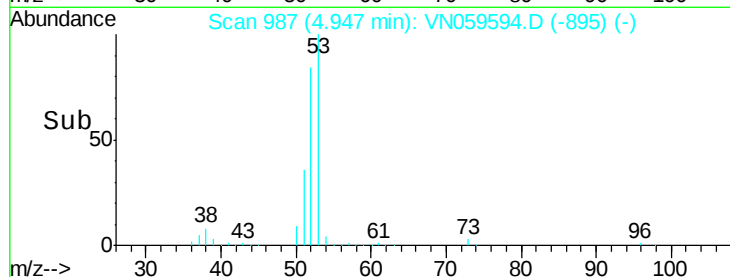
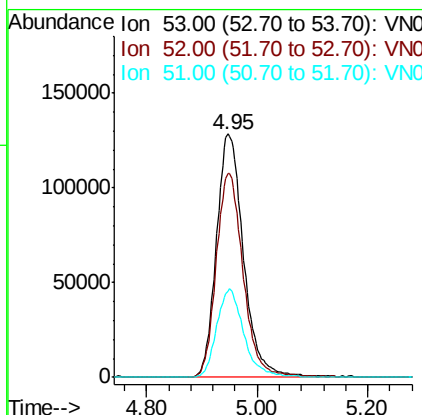
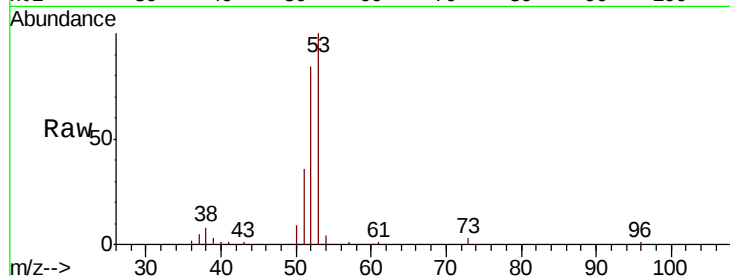
ClientSampleId :

ICVVN121319

Tot Ion:	53	Resp:	437542
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	36.5	29.7	44.5

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#16

Acetone

Concen: 217.323 ug/l

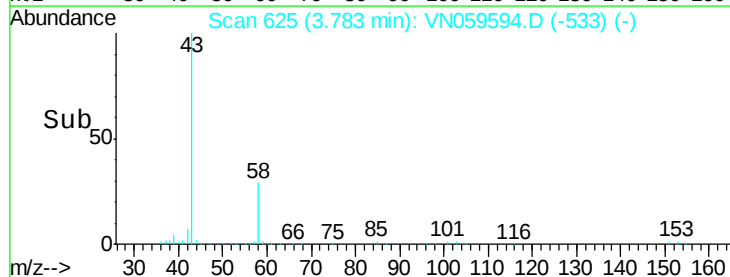
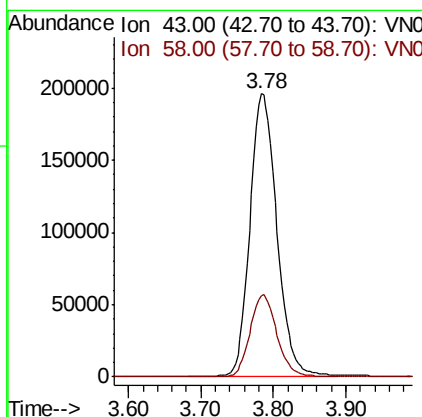
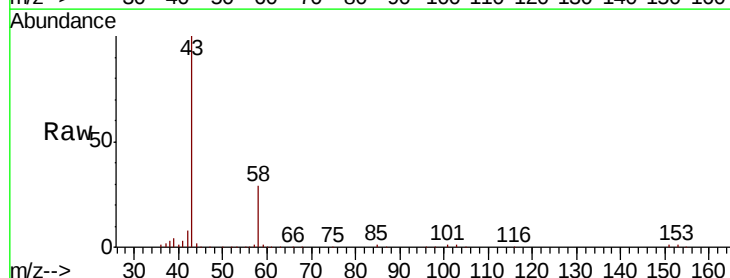
RT: 3.78 min Scan# 625

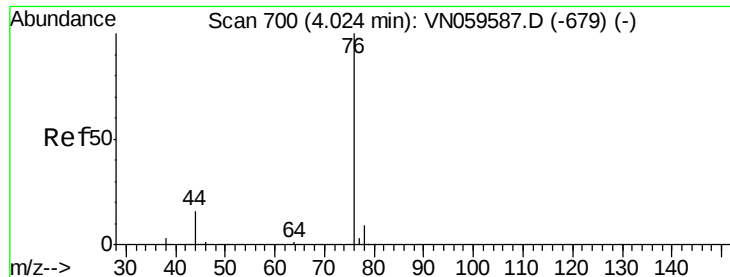
Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion:	43	Resp:	508889
Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.6	35.4





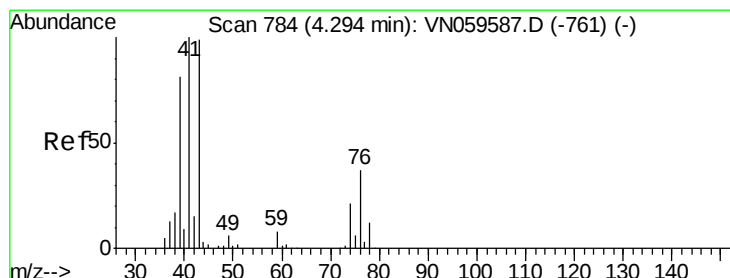
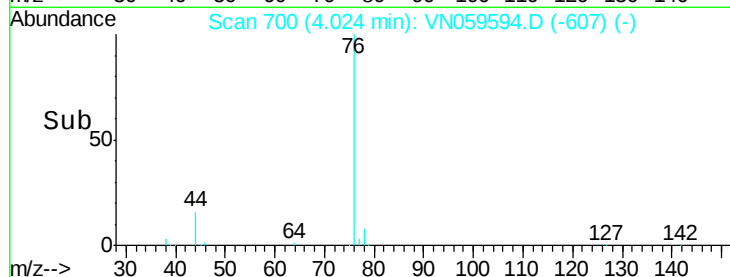
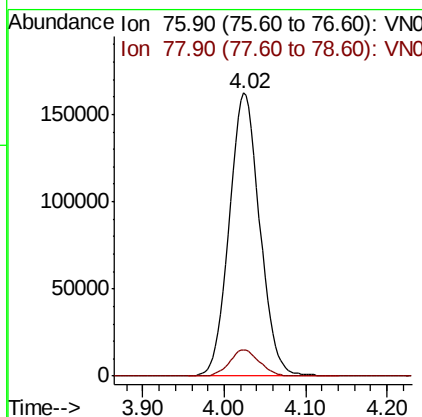
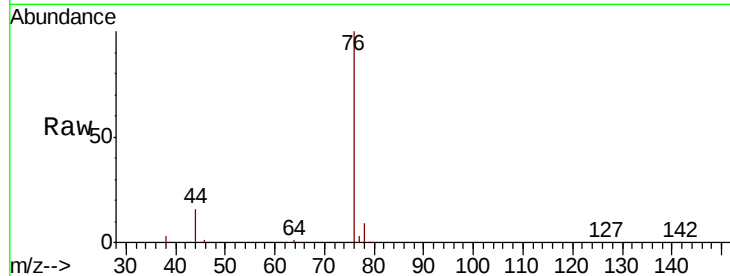
#17
Carbon Disulfide
Concen: 43.507 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

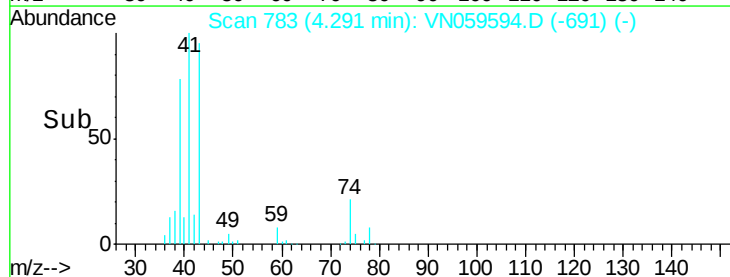
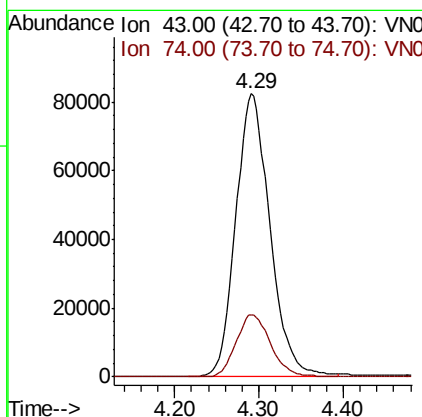
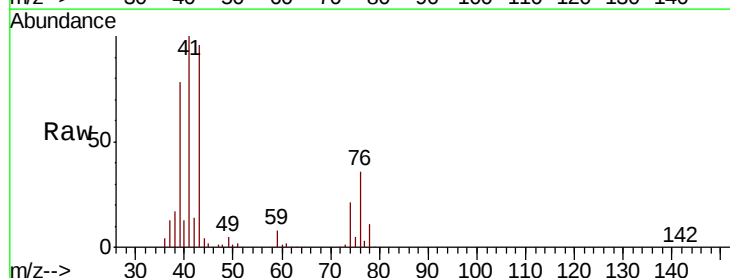
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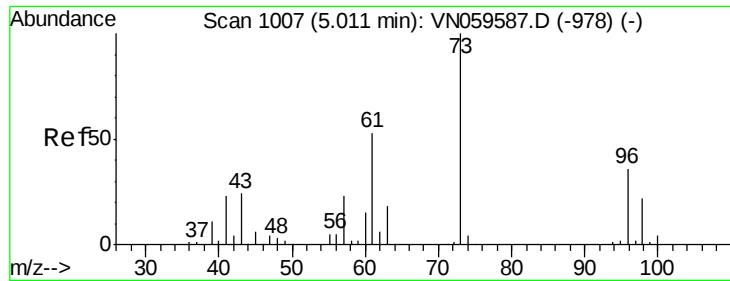
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#18
Methyl Acetate
Concen: 47.131 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.5	26.3





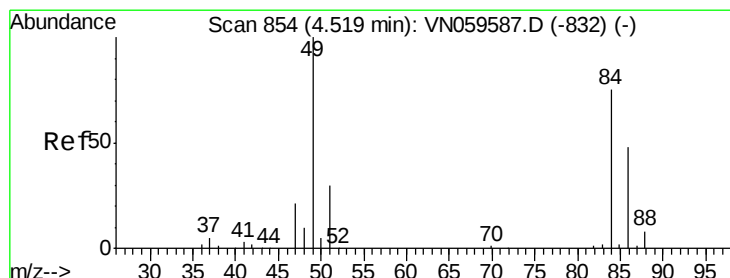
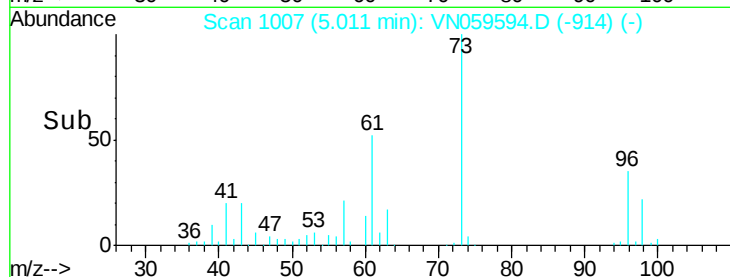
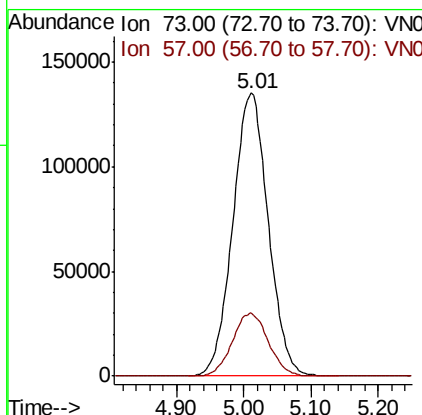
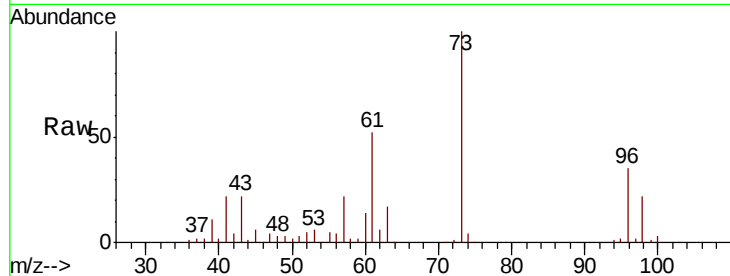
#19
Methvl tert-butvl Ether
Concen: 49.191 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion: 73 Resp: 493764
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

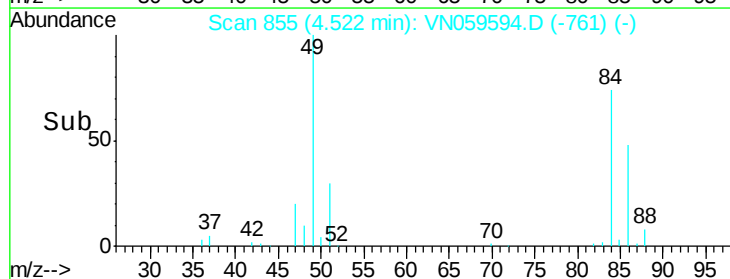
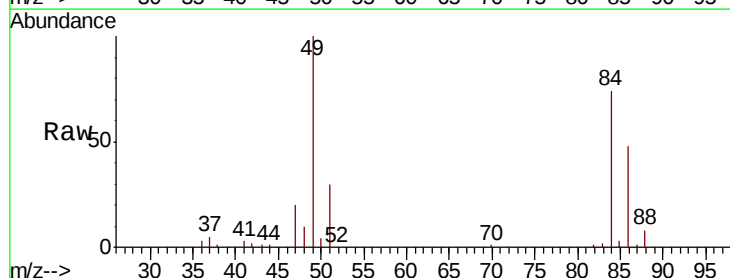
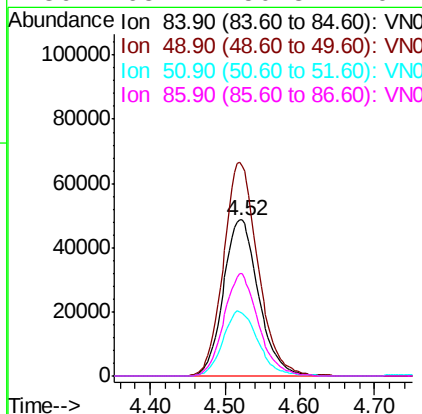
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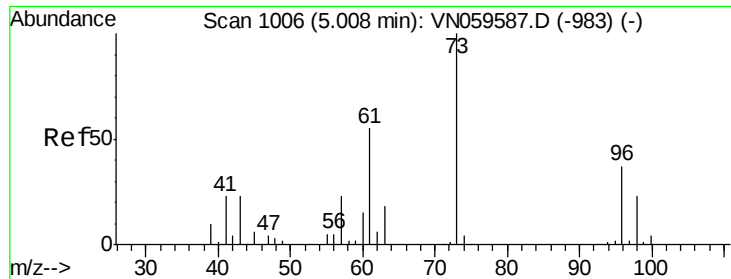
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#20
Methylene Chloride
Concen: 47.013 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion: 84 Resp: 158990
Ion Ratio Lower Upper
84 100
49 134.8 106.6 160.0
51 39.9 31.9 47.9
86 65.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.722 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

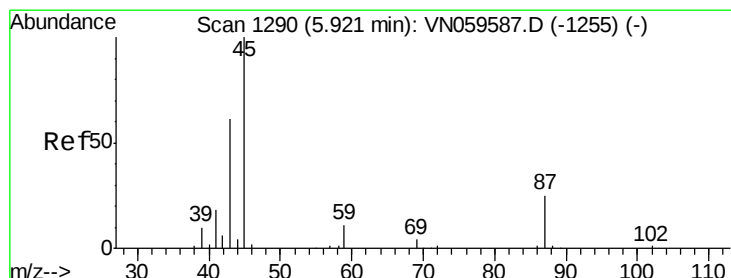
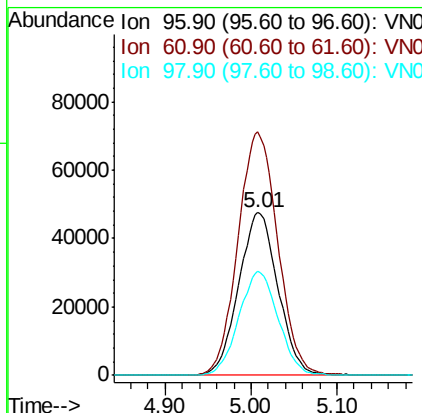
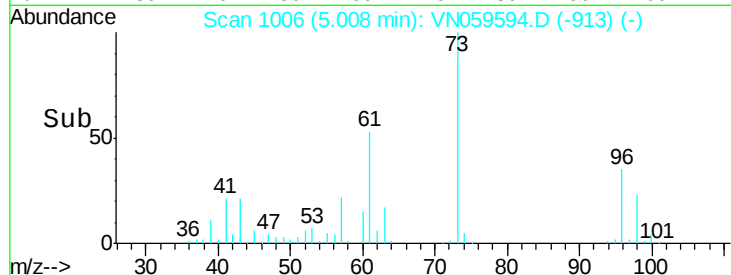
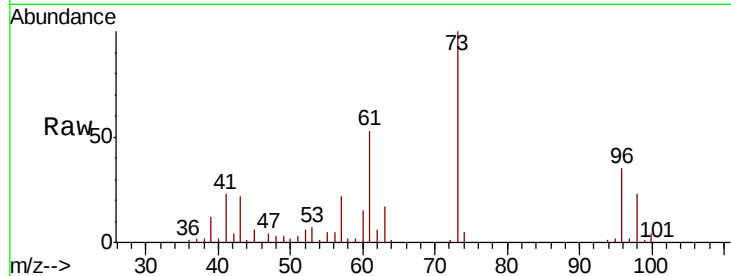
ClientSampleId :

ICVVN121319

Tot Ion:	96	Resp:	151242
Ion	Ratio	Lower	Upper
96	100		
61	149.7	120.4	180.6
98	63.8	50.6	75.8

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#22

Diisopropyl ether

Concen: 49.851 ug/l

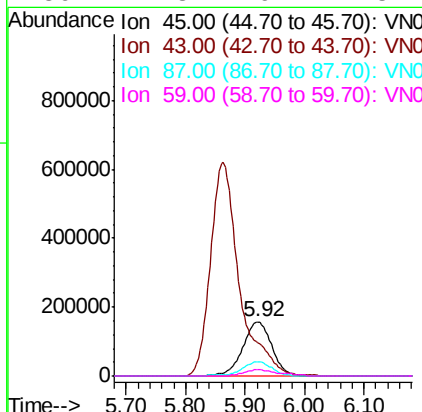
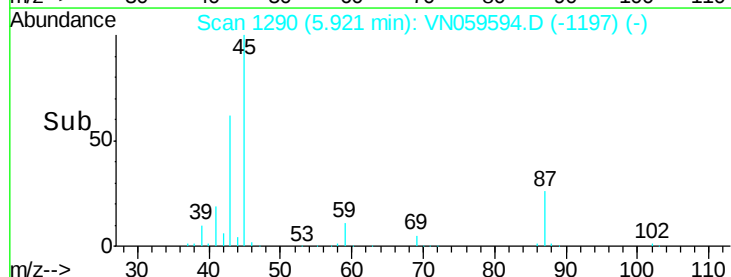
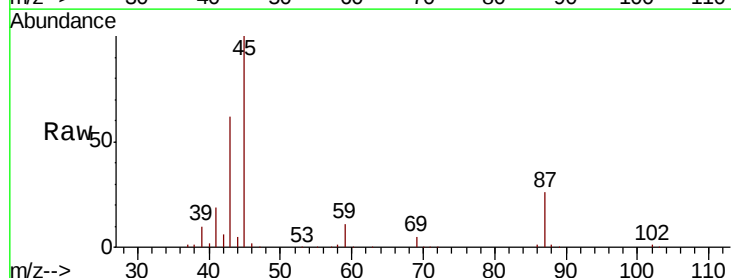
RT: 5.92 min Scan# 1290

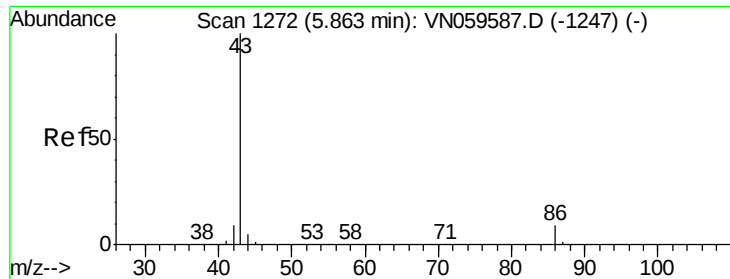
Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion:	45	Resp:	536355
Ion	Ratio	Lower	Upper
45	100		
43	61.2	50.8	76.2
87	26.1	21.0	31.6
59	11.3	9.1	13.7





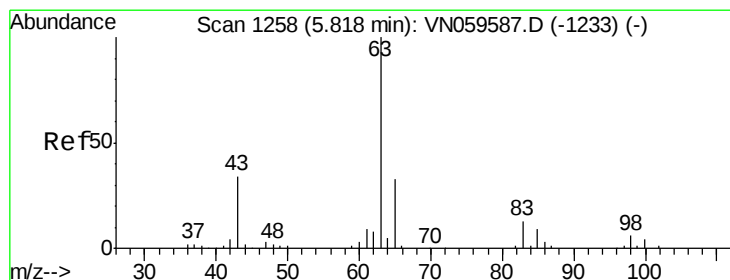
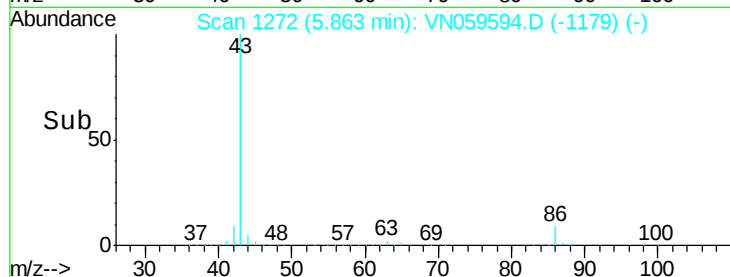
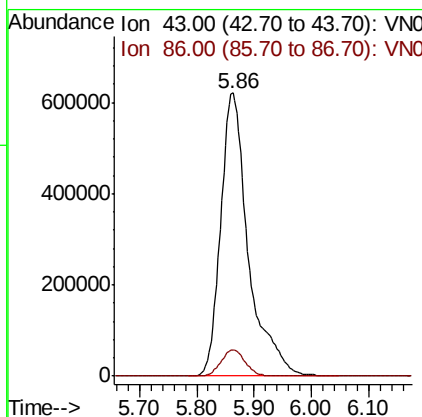
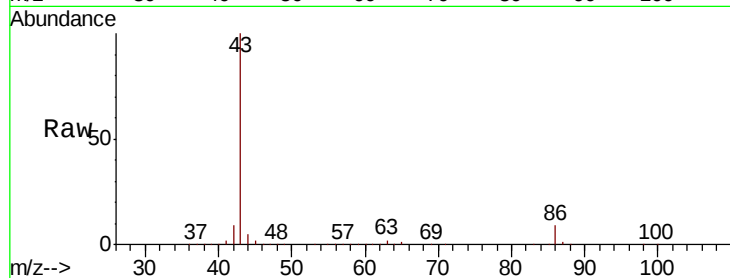
#23
 Vinyl Acetate
 Concen: 247.544 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Tot Ion: 43 Resp: 2090134
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4

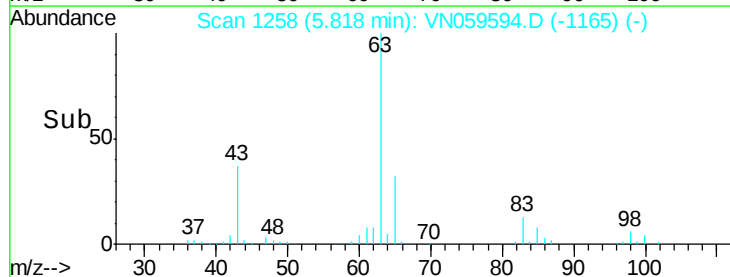
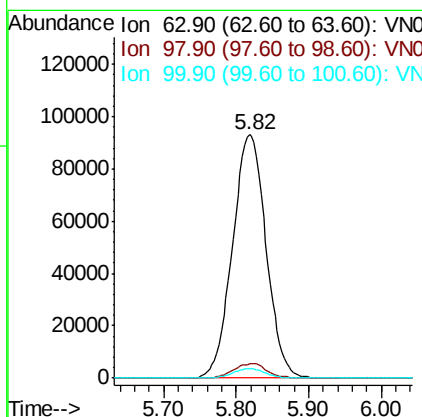
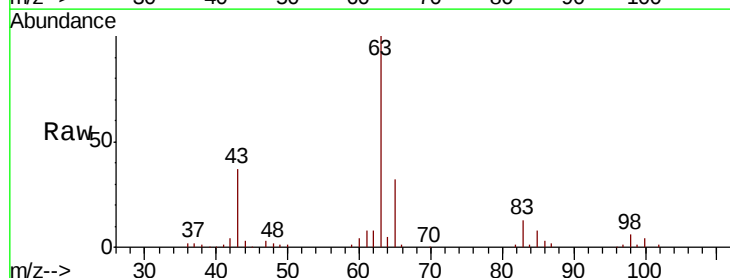
Manual Integrations
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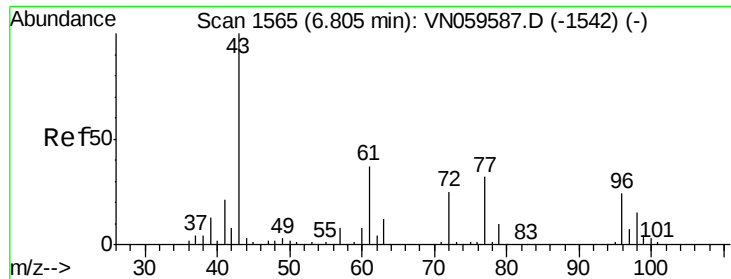
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#24
 1,1-Dichloroethane
 Concen: 49.167 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Tgt Ion: 63 Resp: 299660
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 240.355 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampled :

ICVVN121319

Tot Ion: 43 Resp: 673027

Ion Ratio Lower Upper

43 100

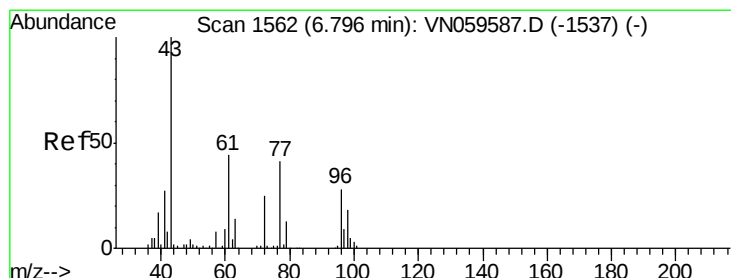
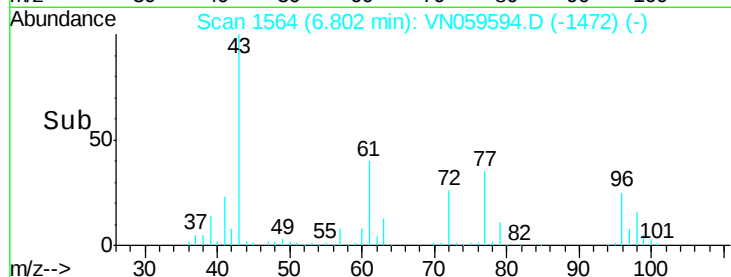
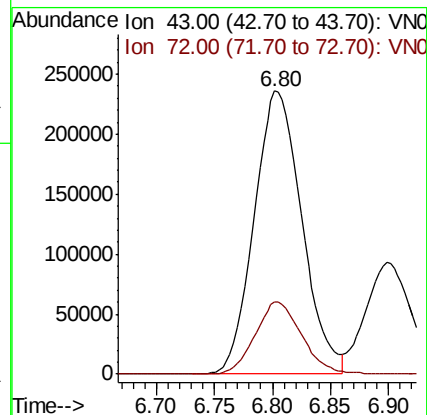
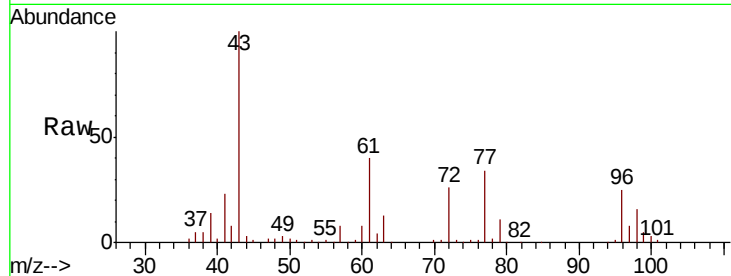
72 25.6 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.488 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059594.D

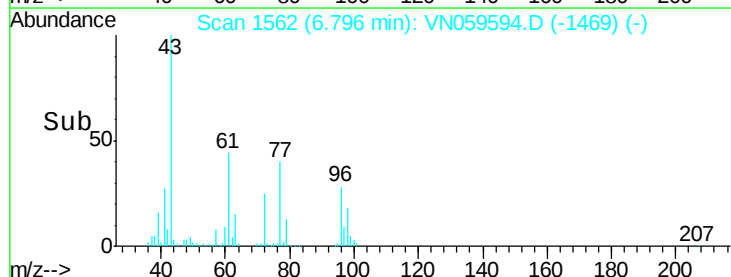
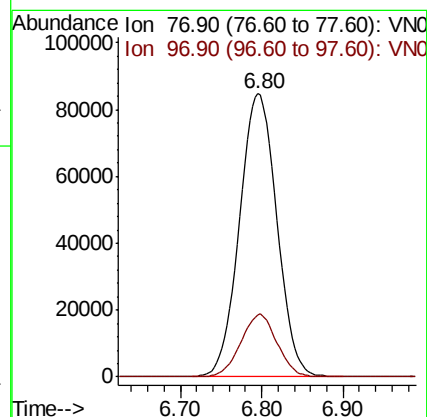
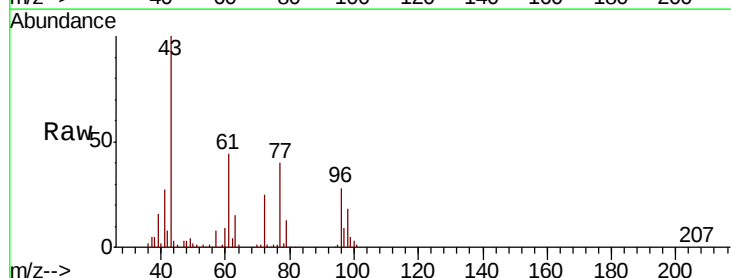
Acq: 13 Dec 2019 19:18

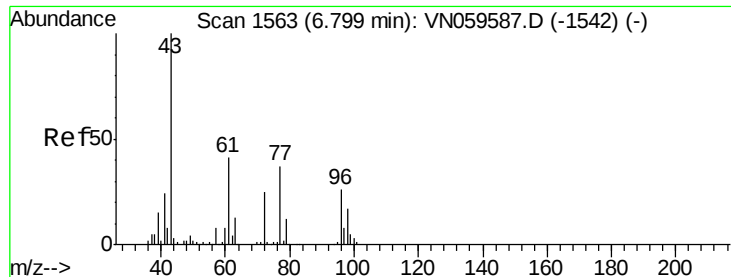
Tgt Ion: 77 Resp: 268584

Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 49.691 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

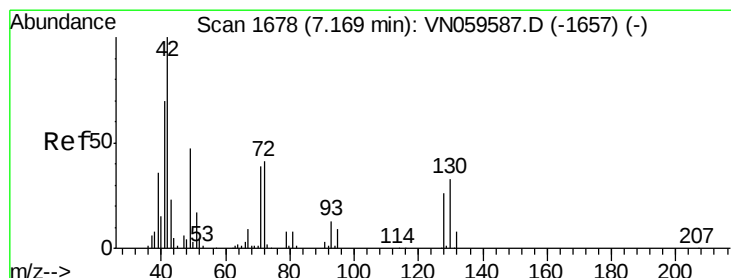
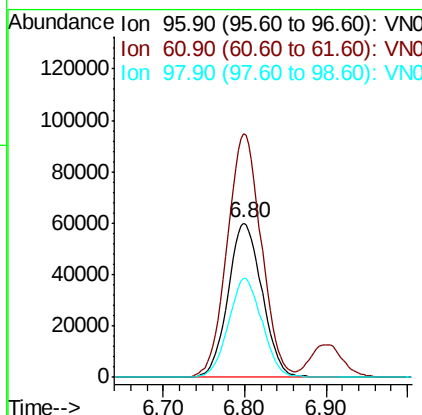
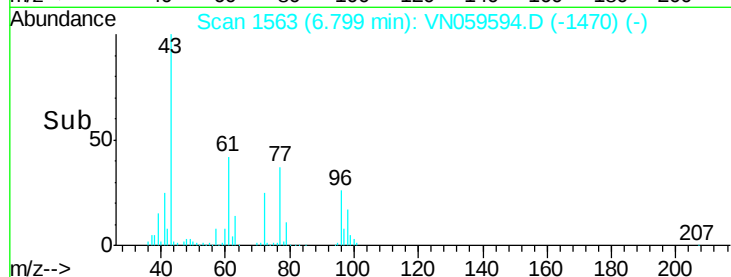
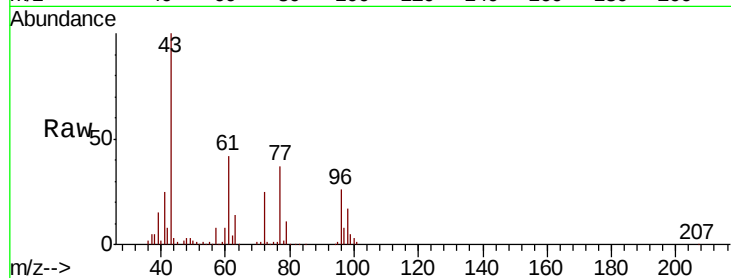
ClientSampleId :

ICVVN121319

Tot Ion:	96	Resp:	174504
Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	317.6
98	63.5	0.0	127.0

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#28

Bromochloromethane

Concen: 40.611 ug/l

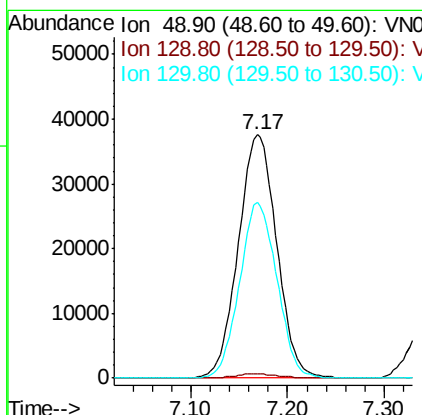
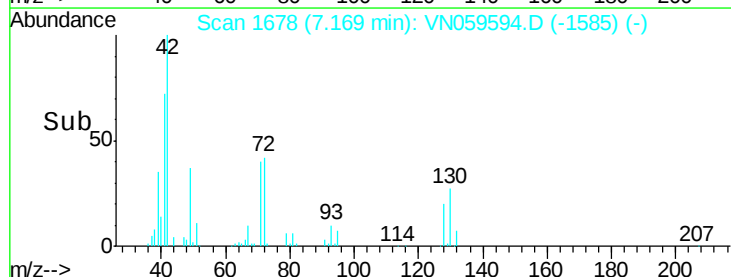
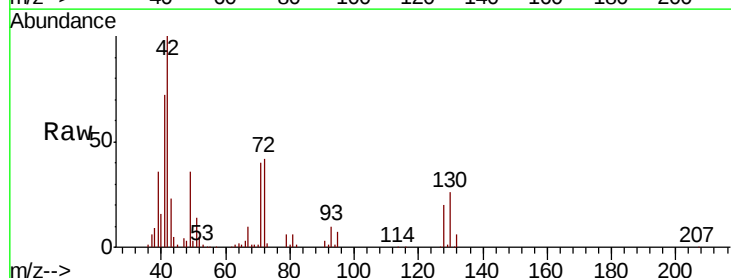
RT: 7.17 min Scan# 1678

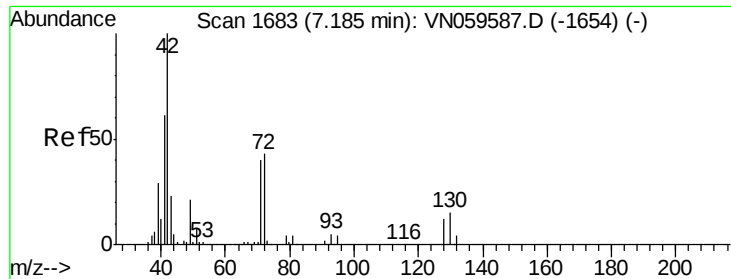
Delta R.T. 0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion:	49	Resp:	103779
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	70.1	54.7	82.1





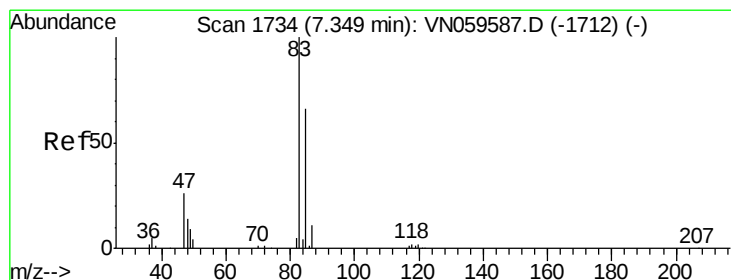
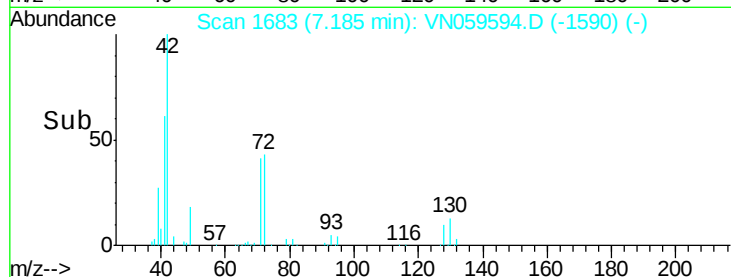
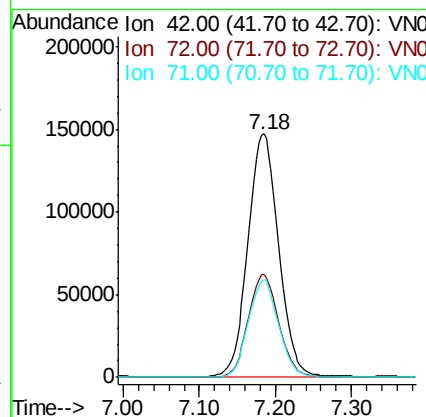
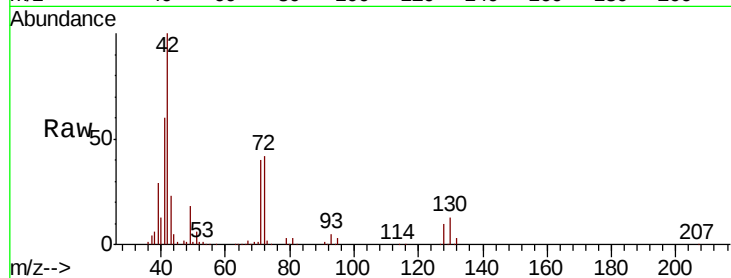
#29
Tetrahydrofuran
Concen: 242.837 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.1	49.7
71	39.6	31.4	47.0

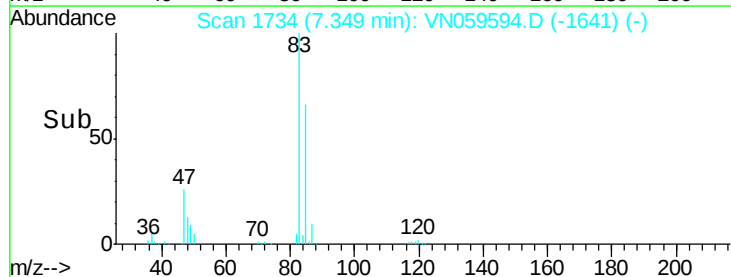
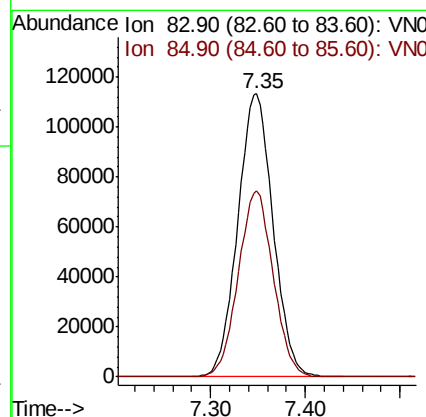
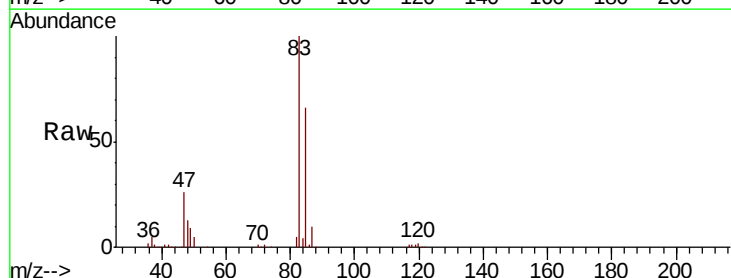
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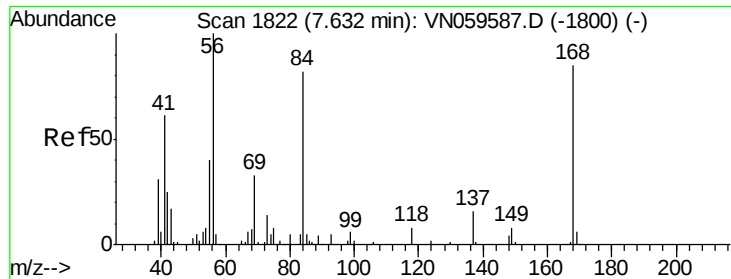
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#30
Chloroform
Concen: 48.986 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.4	78.6





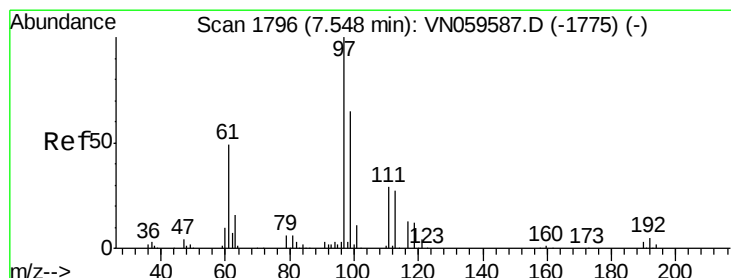
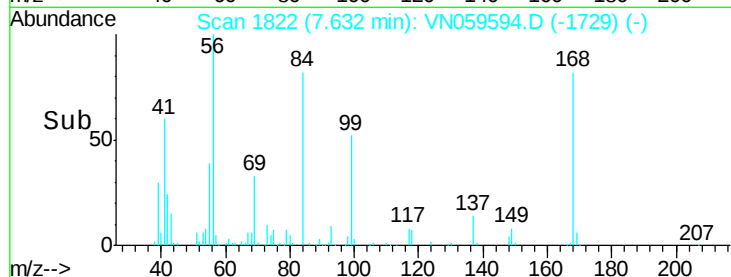
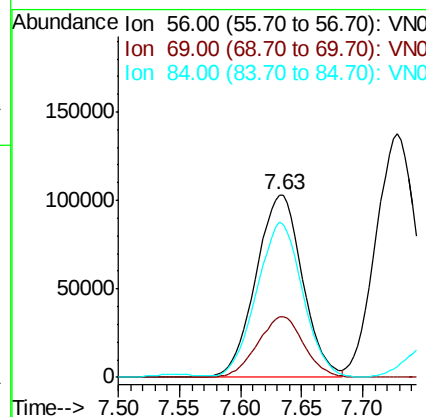
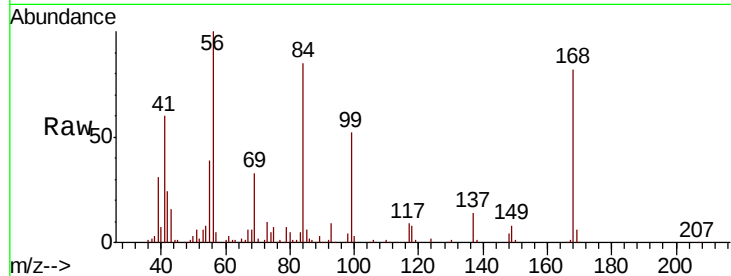
#31
Cyclohexane
Concen: 47.477 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.5	39.7
84	84.2	65.3	97.9

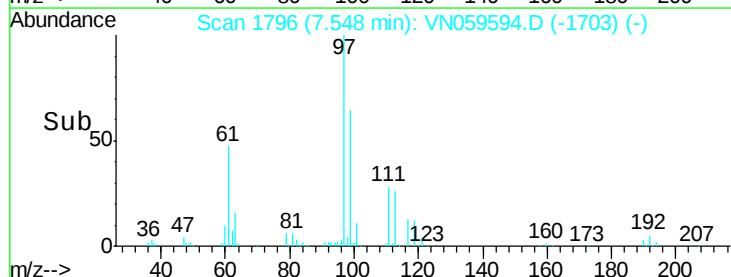
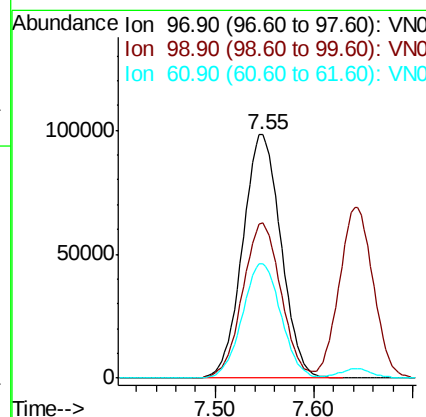
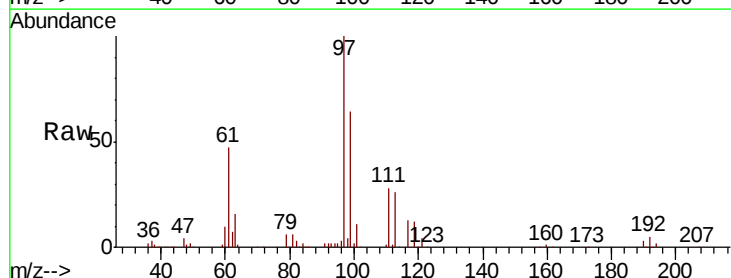
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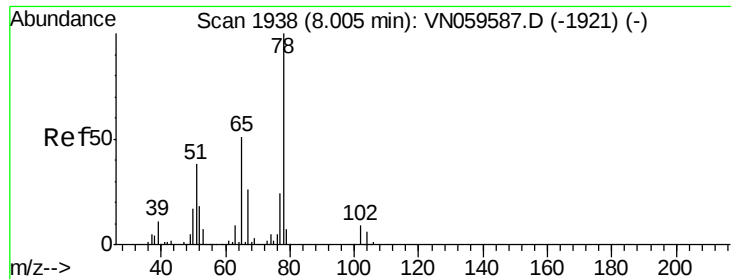
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#32
1,1,1-Trichloroethane
Concen: 48.747 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	47.4	38.5	57.7





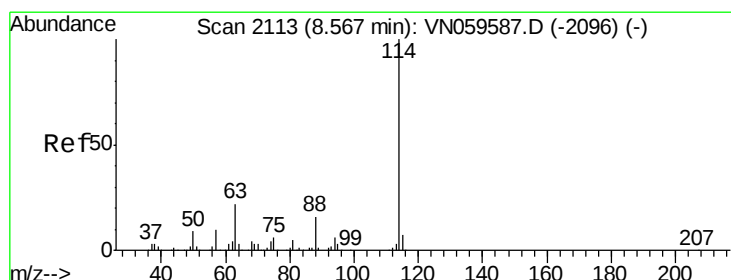
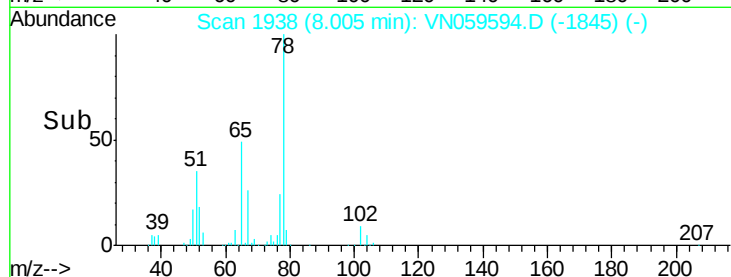
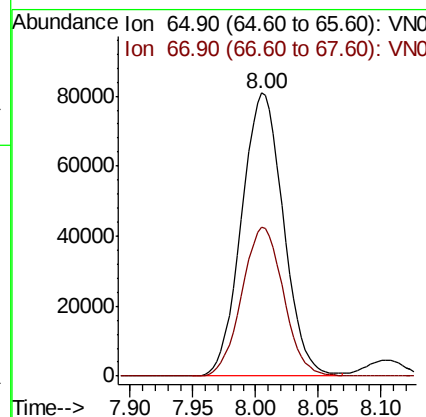
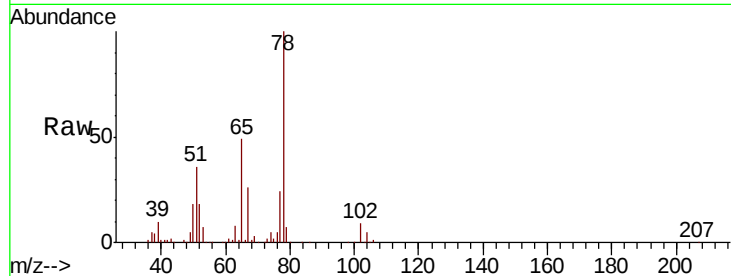
#33
 1,2-Dichloroethane-d4
 Concen: 47.662 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187982		
67	52.2	0.0	103.0	

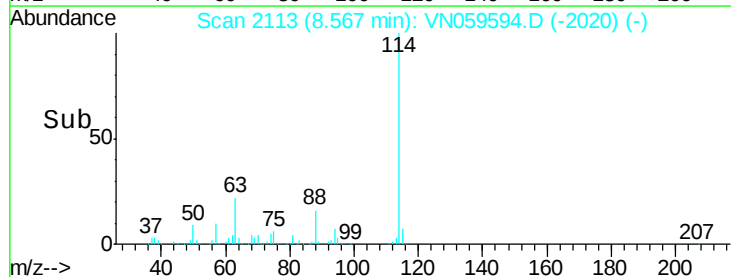
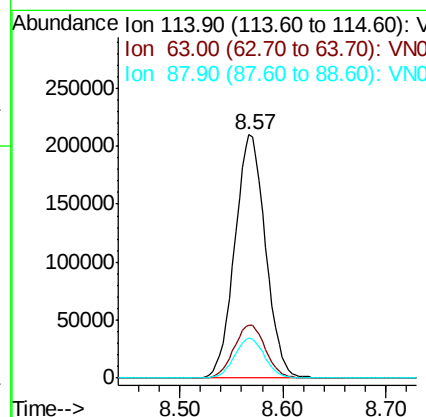
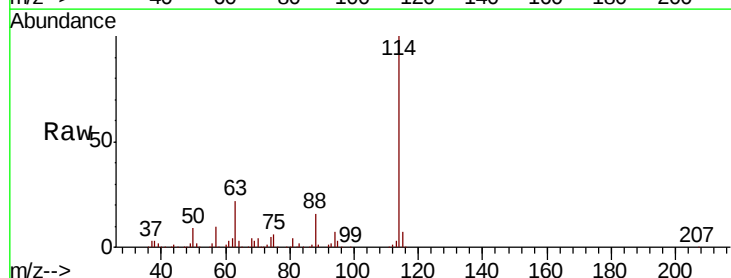
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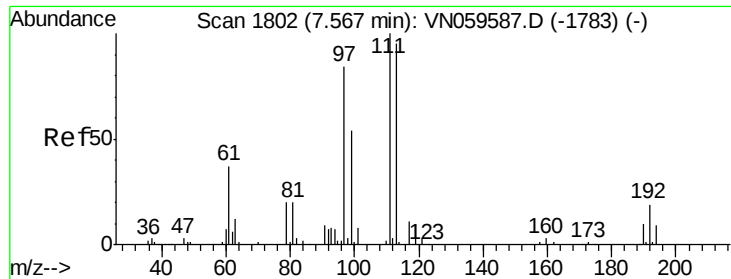
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	435468		
63	21.8	0.0	43.6	
88	16.2	0.0	31.4	





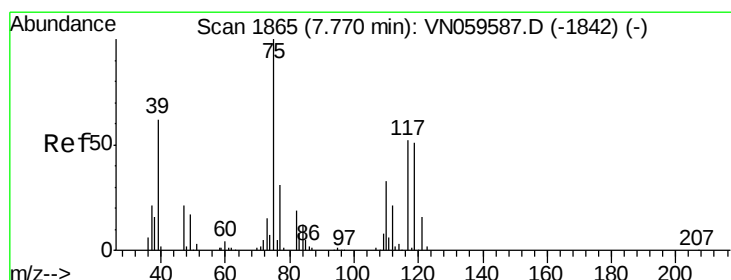
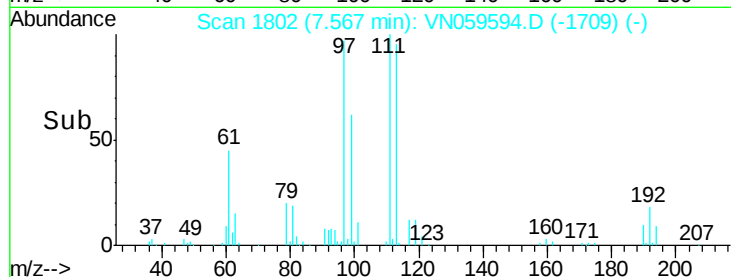
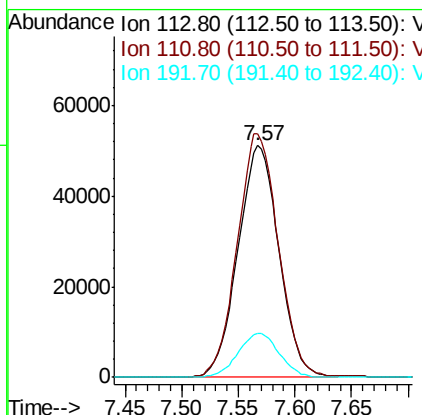
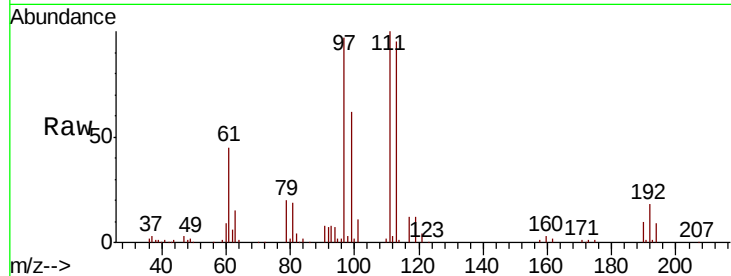
#35
Dibromofluoromethane
Concen: 47.270 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128794		
111	105.4	83.5	125.3	
192	19.1	15.4	23.2	

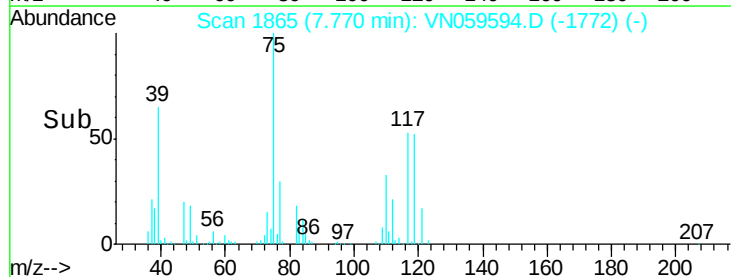
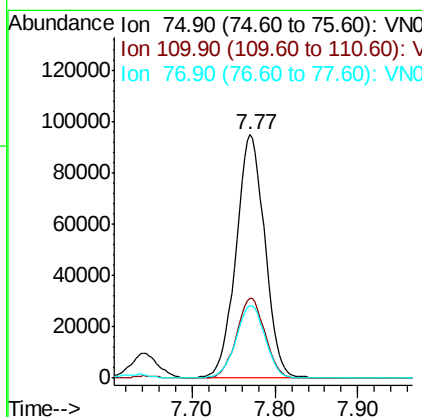
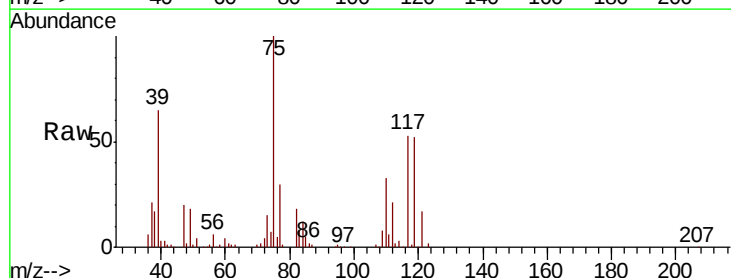
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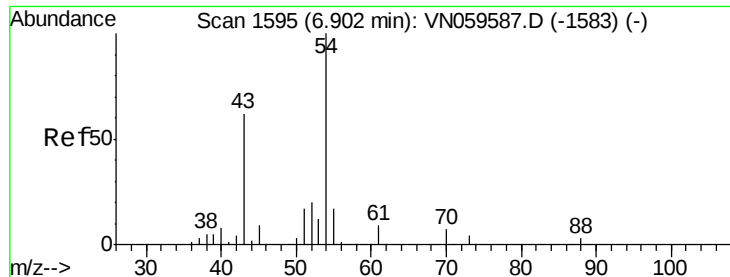
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#36
1,1-Dichloropropene
Concen: 50.602 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229798		
110	32.6	16.6	49.7	
77	30.3	25.1	37.7	





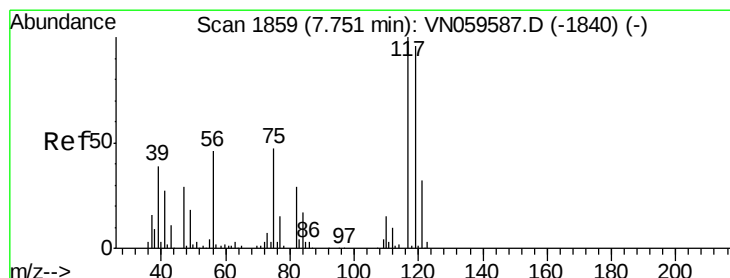
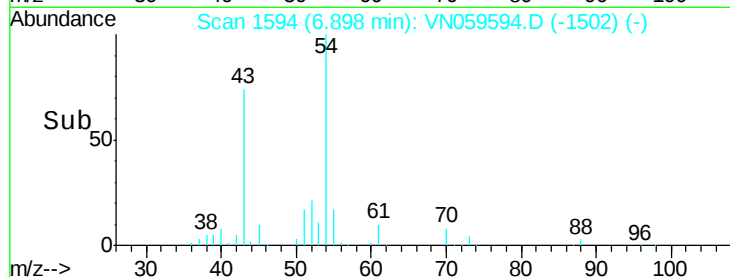
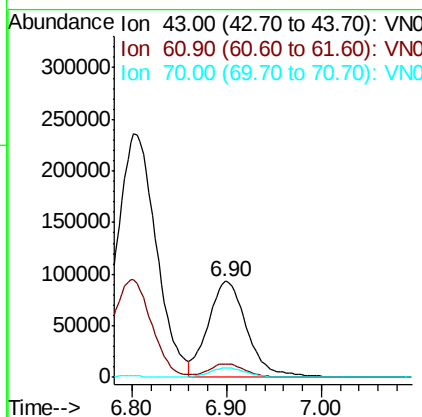
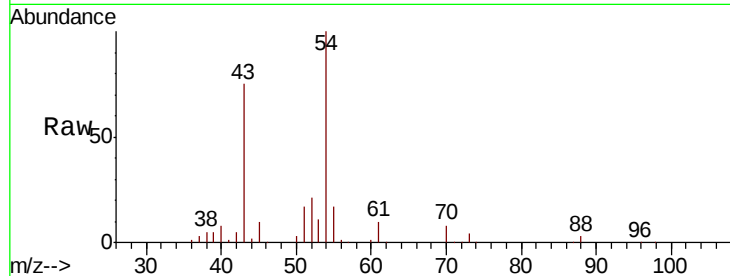
#37
Ethyl Acetate
Concen: 49.478 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	9.6	7.7	11.5

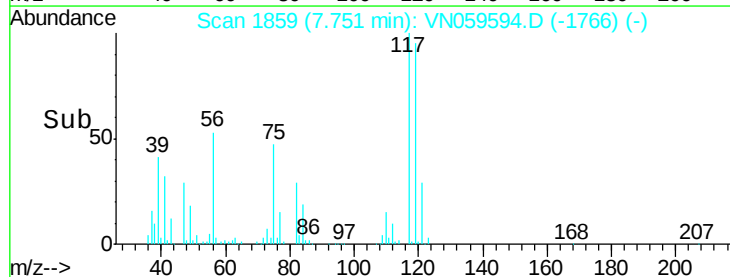
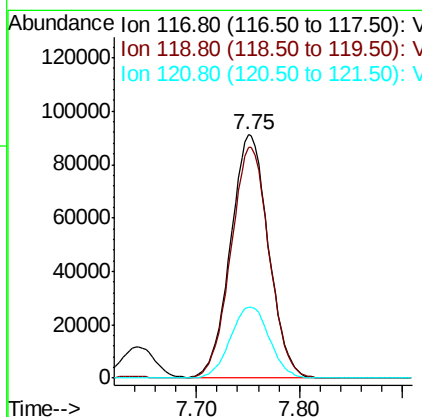
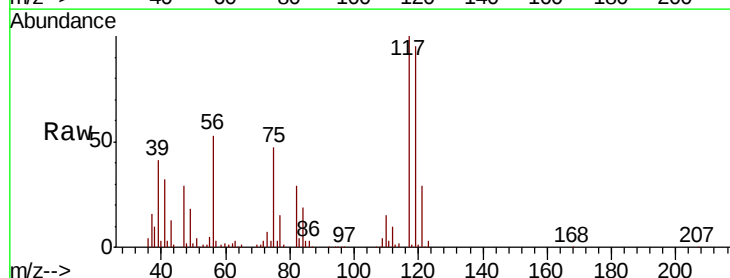
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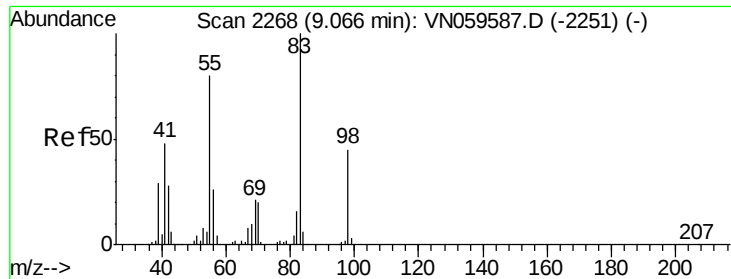
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#38
Carbon Tetrachloride
Concen: 49.486 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.5	114.7
121	29.3	25.1	37.7





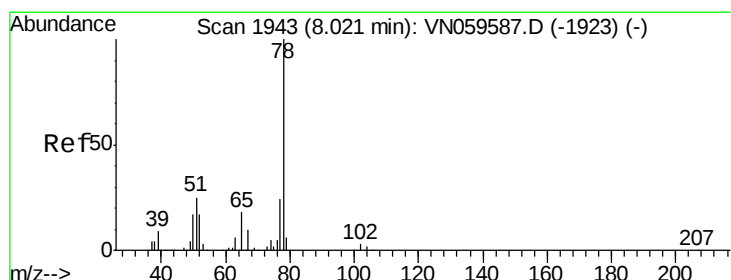
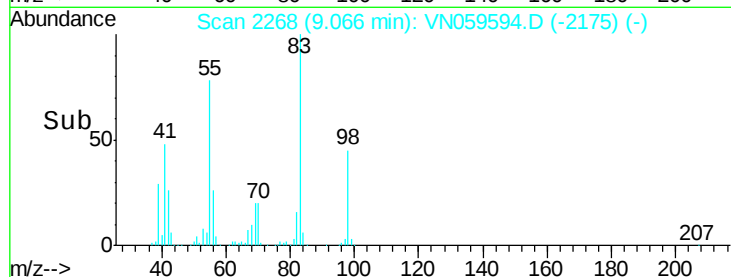
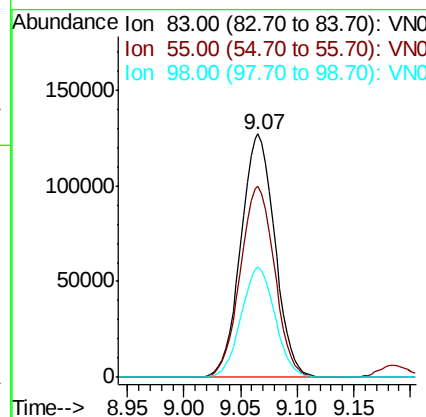
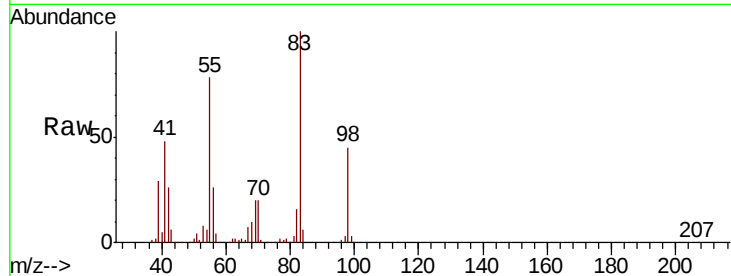
#39
Methvlcvclohexane
Concen: 51.491 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
83	100	265240		
55	78.4	64.2	96.2	
98	45.2	35.9	53.9	

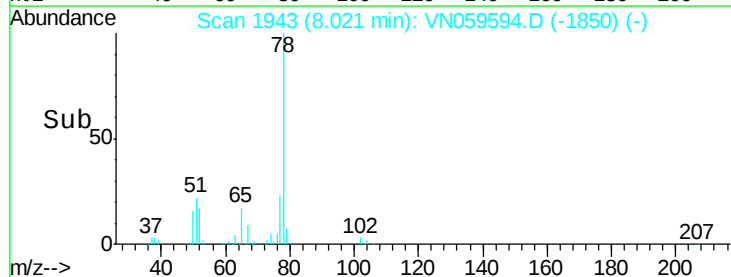
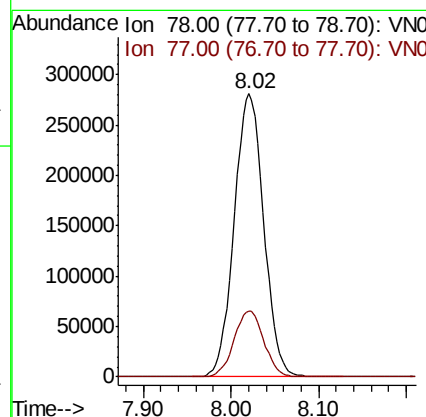
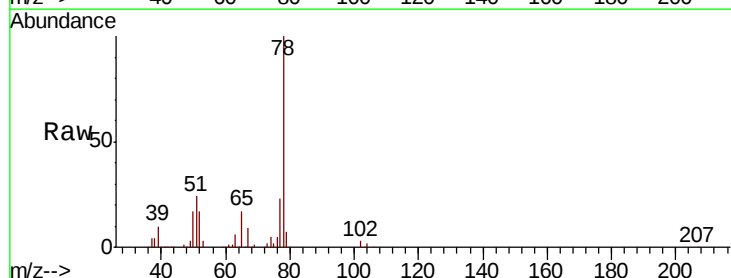
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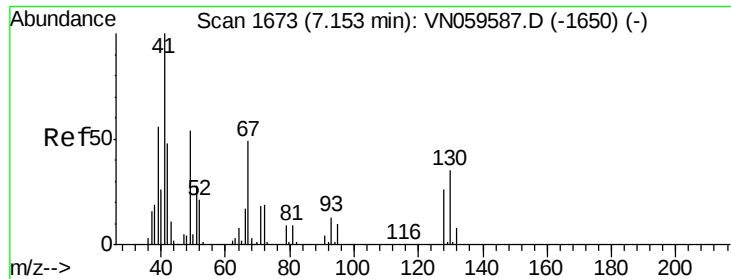
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#40
Benzene
Concen: 49.578 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	657976		
77	23.5	18.9	28.3	





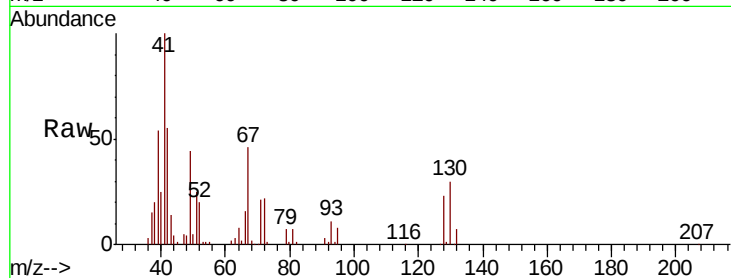
#41
Methacrylonitrile
Concen: 53.647 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampled :
ICVVN121319

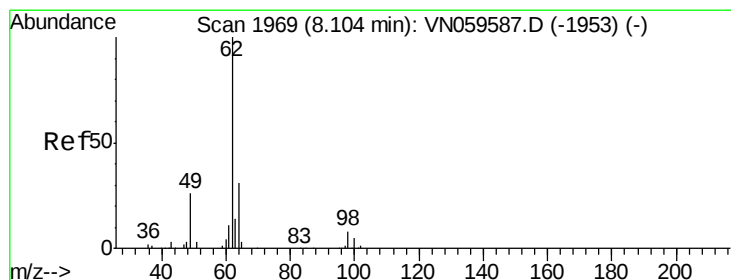
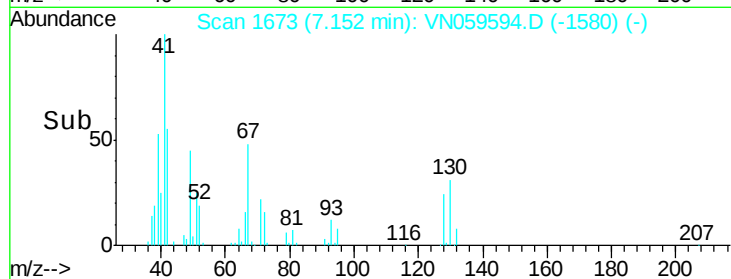
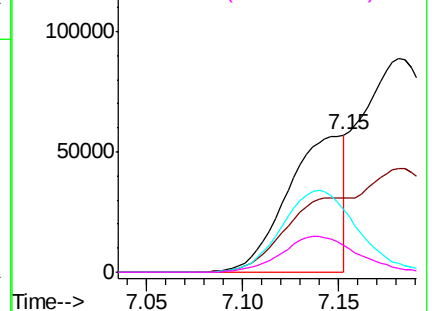
Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	165.3	0.0	0.0	#
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

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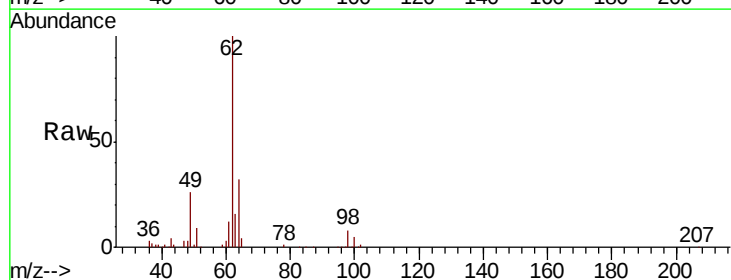


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

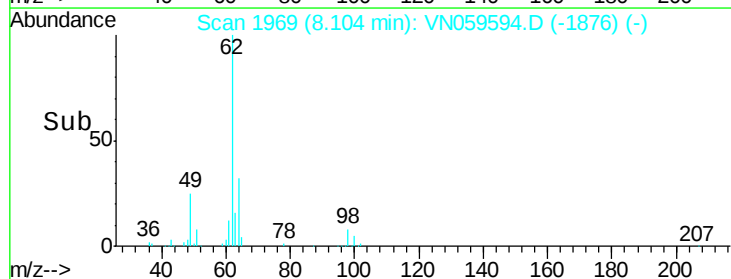
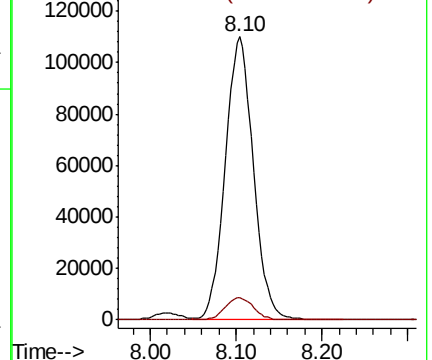


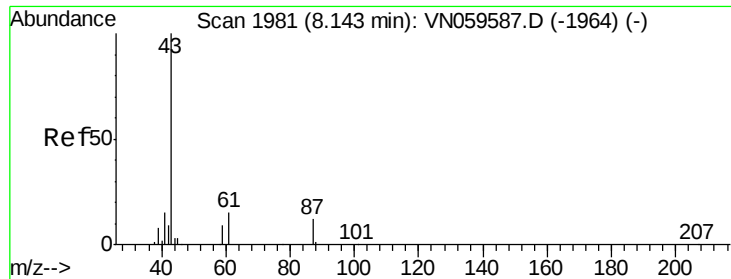
#42
1,2-Dichloroethane
Concen: 49.273 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.9	0.0	15.8	



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





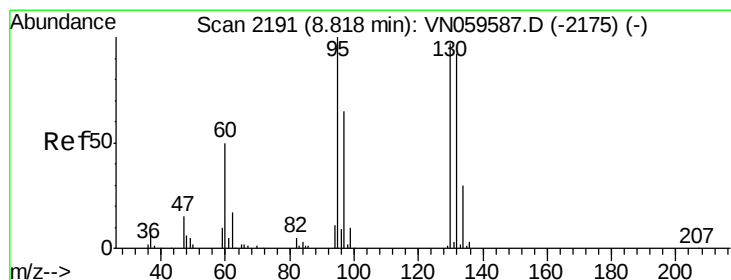
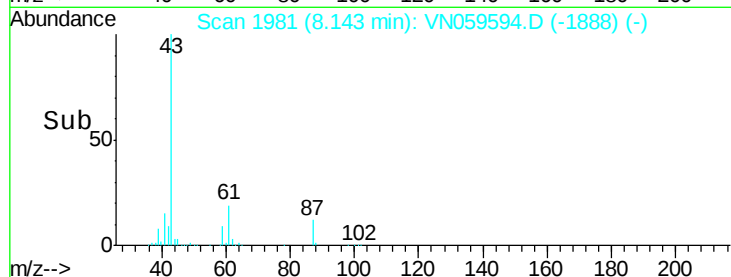
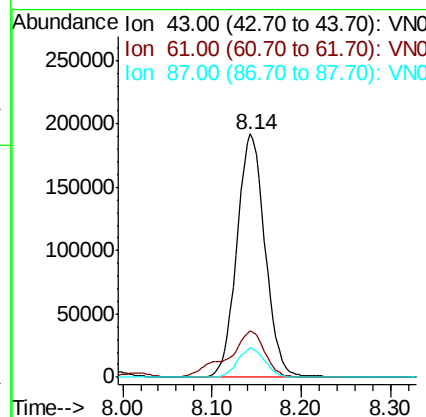
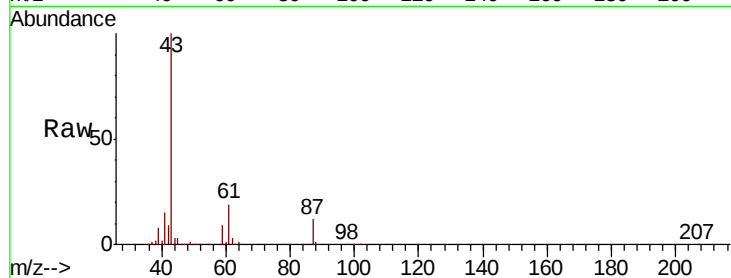
#43
Isopropyl Acetate
Concen: 50.898 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.9	20.2	30.2
87	11.9	9.5	14.3

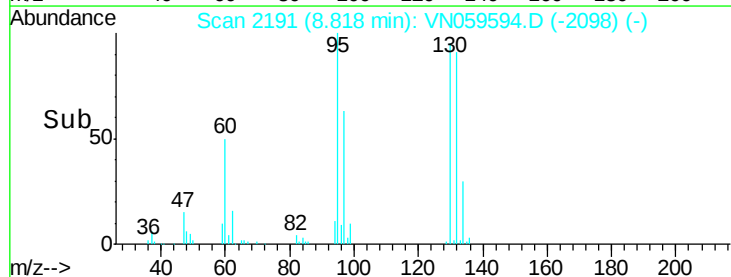
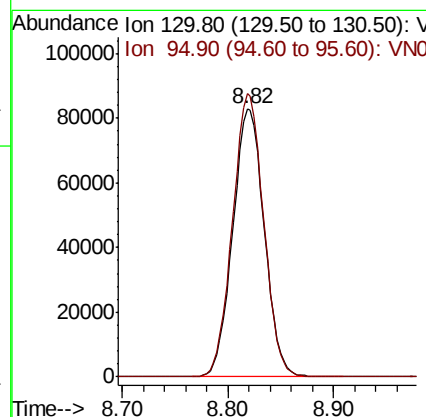
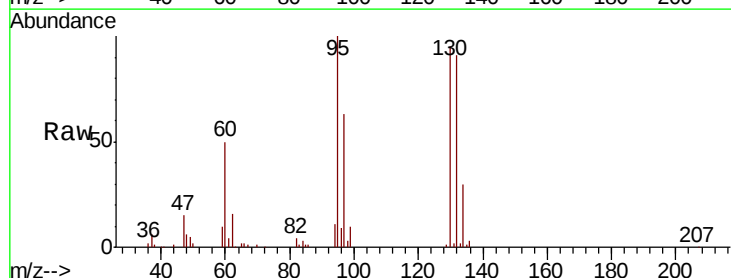
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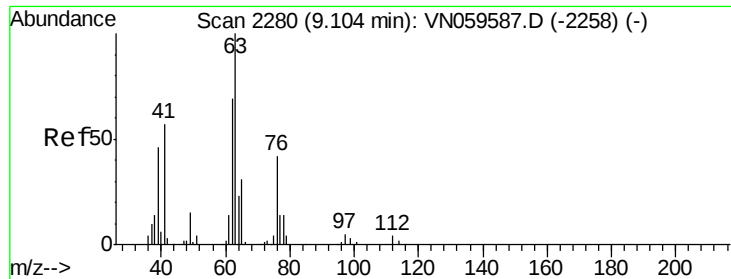
apatel
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#44
Trichloroethene
Concen: 49.340 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	207.0





#45

1,2-Dichloropropane

Concen: 49.951 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 63 Resp: 179012

Ion Ratio Lower Upper

63 100

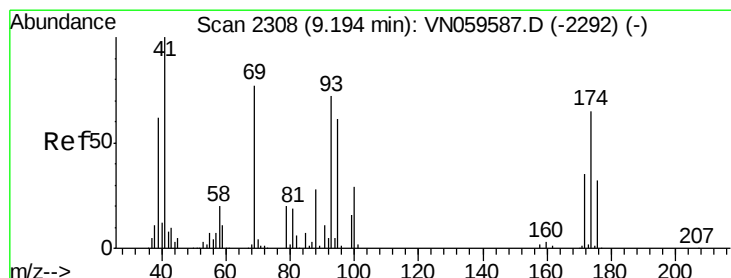
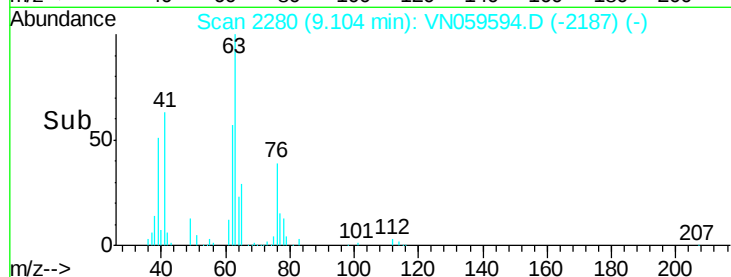
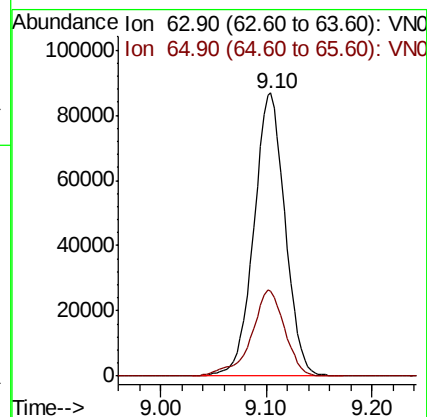
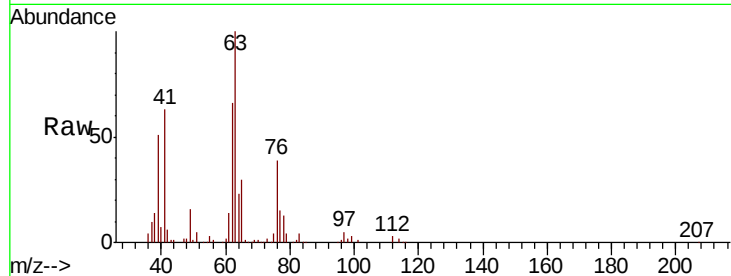
65 29.9 24.9 37.3

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#46

Dibromomethane

Concen: 48.872 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

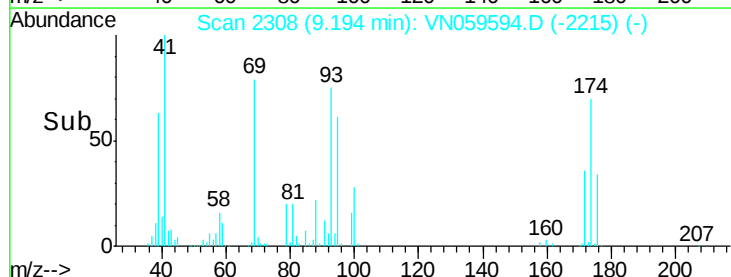
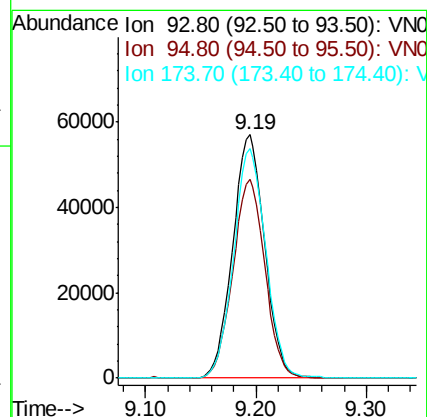
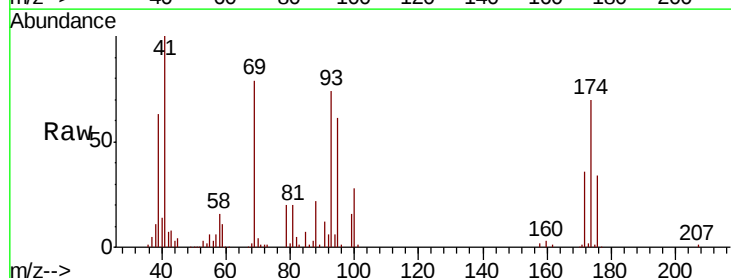
Tgt Ion: 93 Resp: 114747

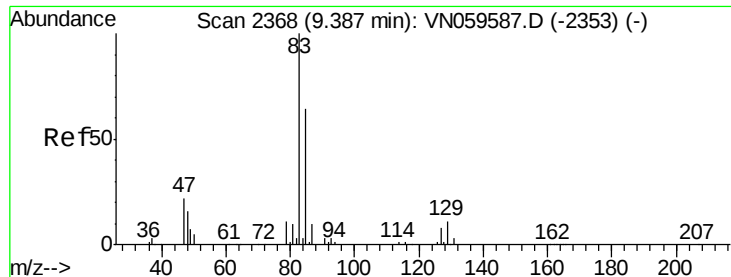
Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.6

174 94.6 73.4 110.2





#47

Bromodichloromethane

Concen: 50.358 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

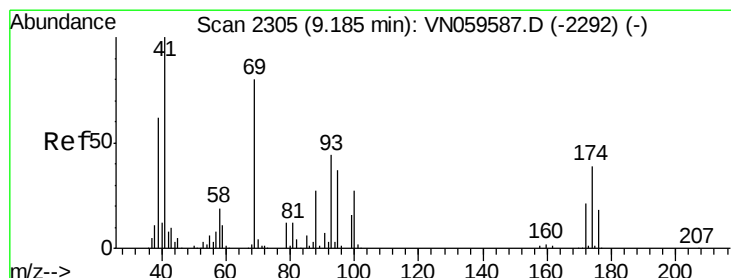
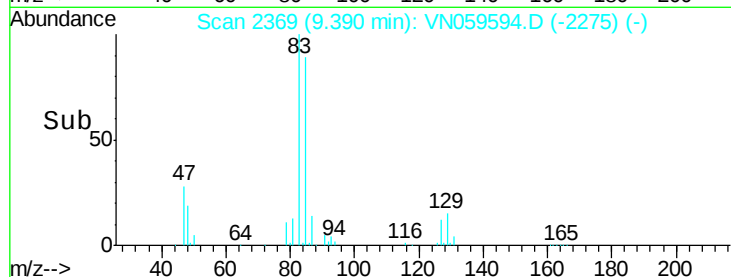
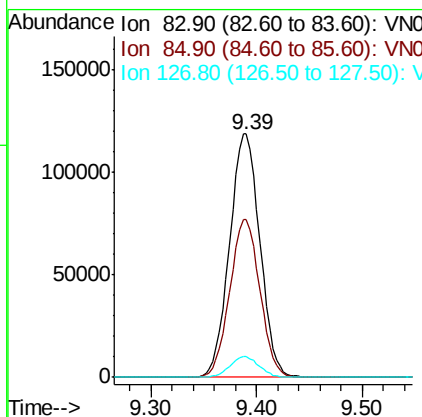
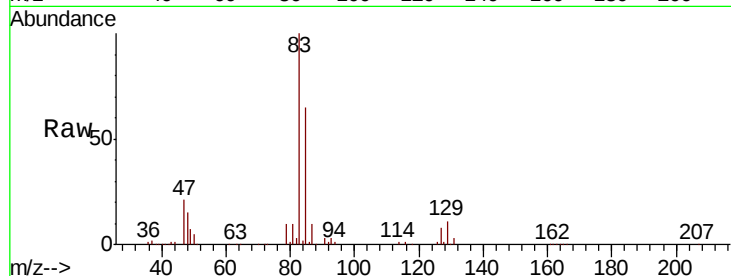
ClientSampleId :

ICVVN121319

Tot Ion:	83	Resp:	235731
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.1	76.7
127	8.3	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.223 ug/l

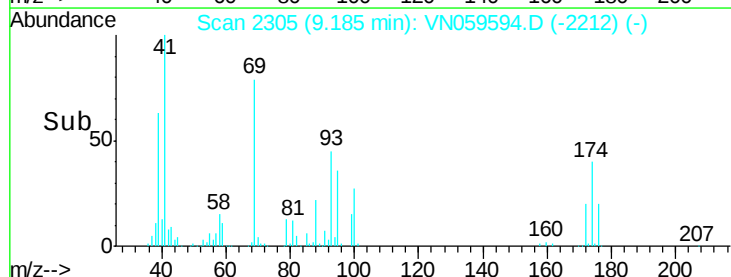
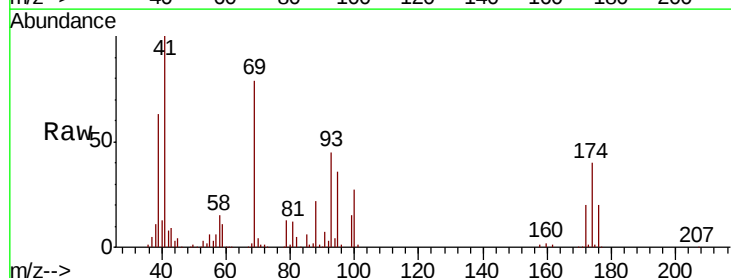
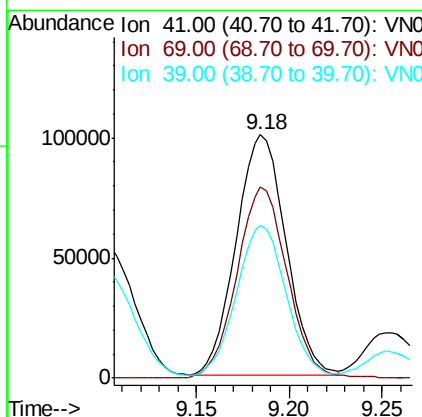
RT: 9.18 min Scan# 2305

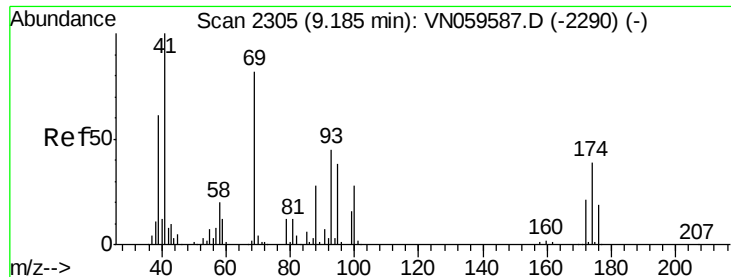
Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion:	41	Resp:	186988
Ion Ratio	Lower	Upper	
41	100		
69	80.3	64.4	96.6
39	64.1	51.3	76.9





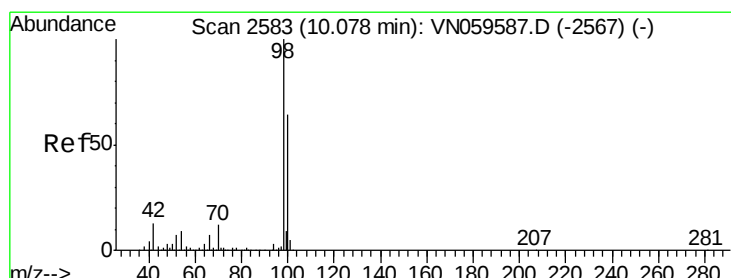
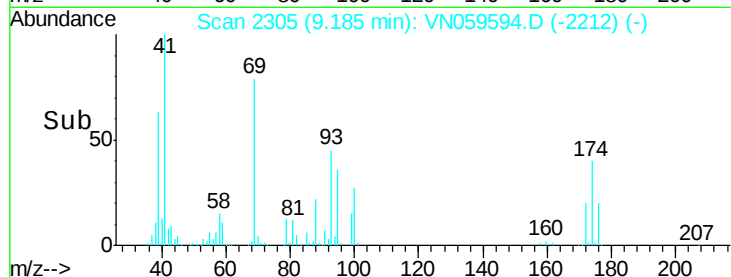
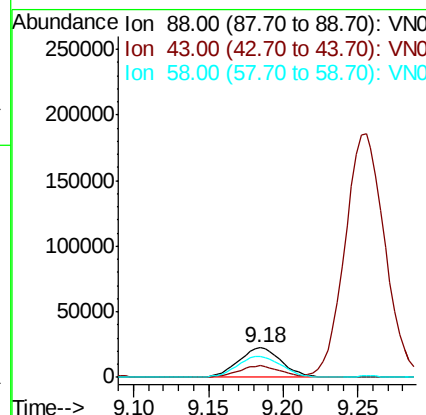
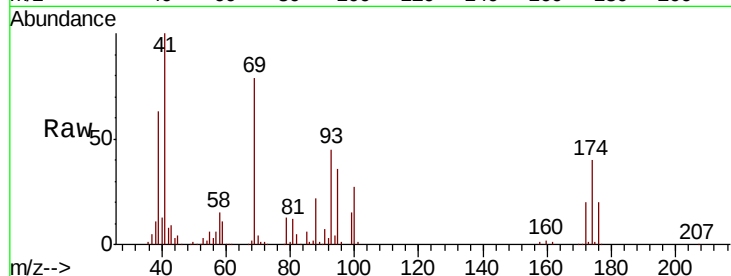
#49
1,4-Dioxane
Concen: 853.065 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.2	29.7	44.5
58	72.8	56.6	85.0

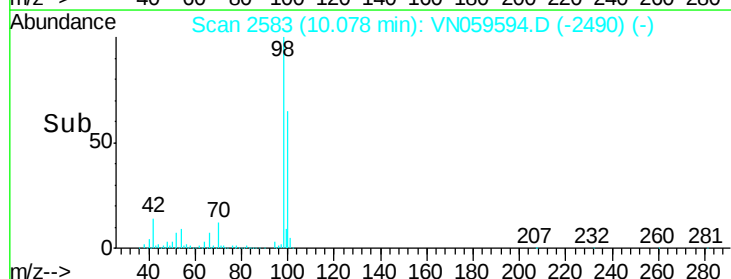
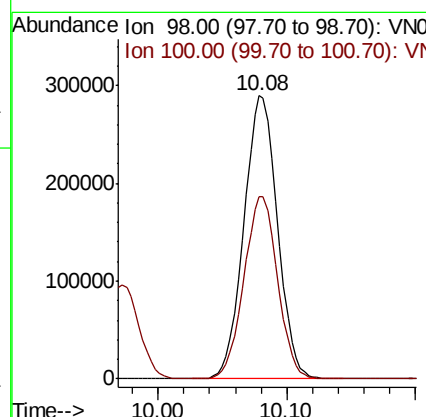
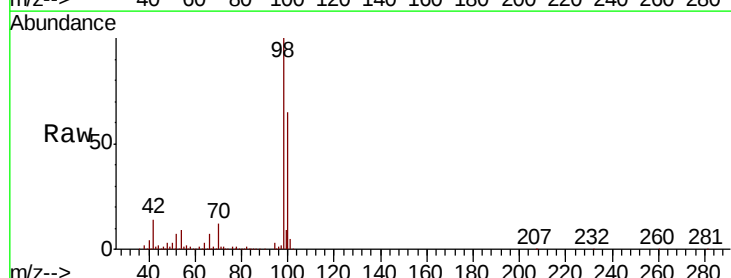
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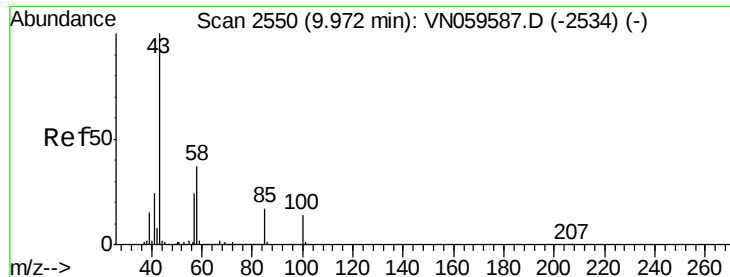
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#50
Toluene-d8
Concen: 48.598 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 263.213 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 43 Resp: 1287828

Ion Ratio Lower Upper

43 100

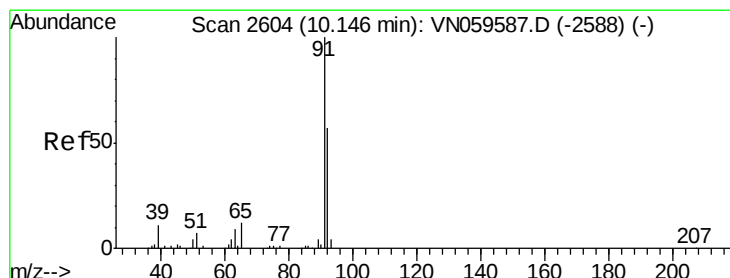
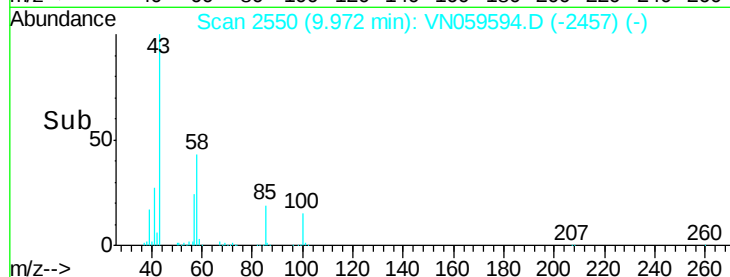
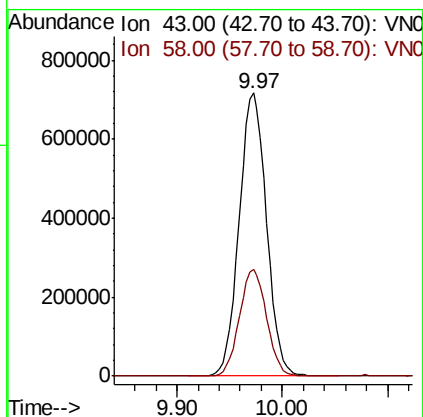
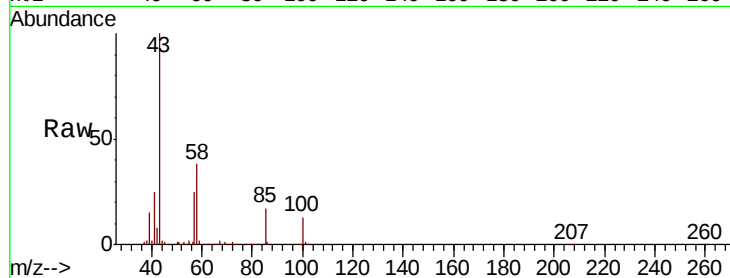
58 37.4 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 49.755 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059594.D

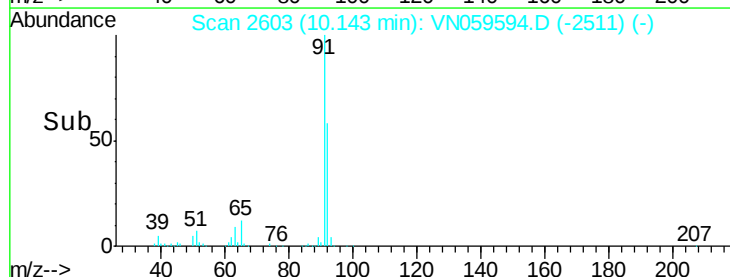
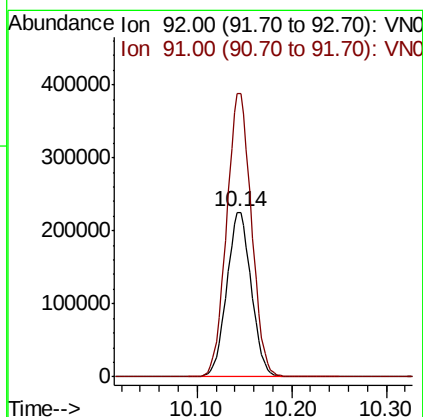
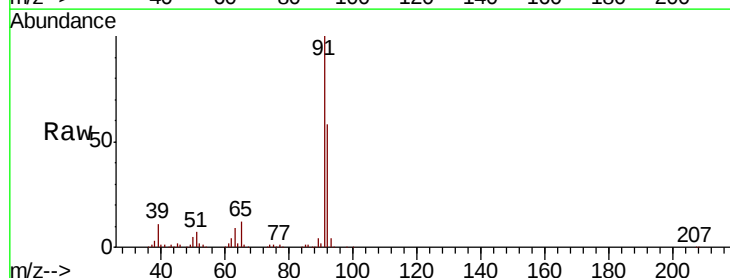
Acq: 13 Dec 2019 19:18

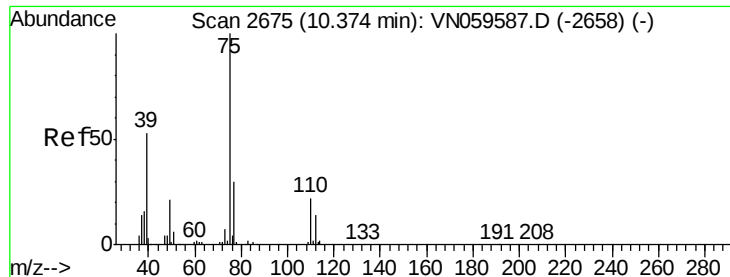
Tgt Ion: 92 Resp: 405722

Ion Ratio Lower Upper

92 100

91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.210 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 75 Resp: 271831

Ion Ratio Lower Upper

75 100

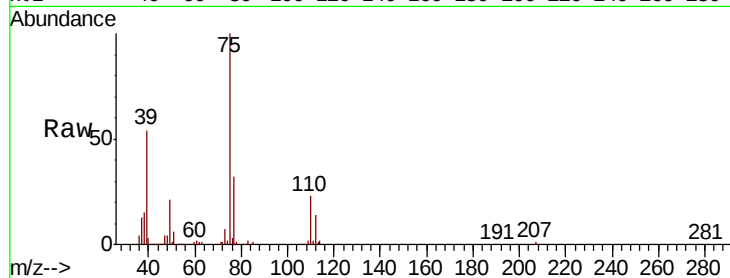
77 31.9 25.4 38.2

Manual Integrations

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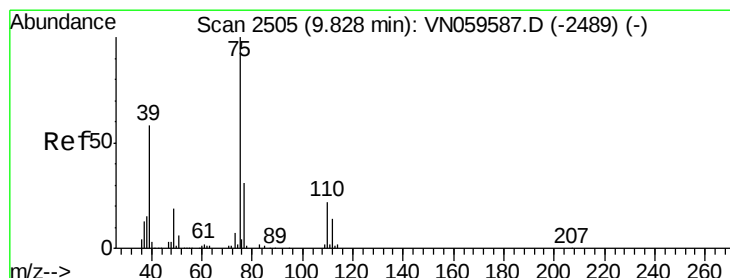
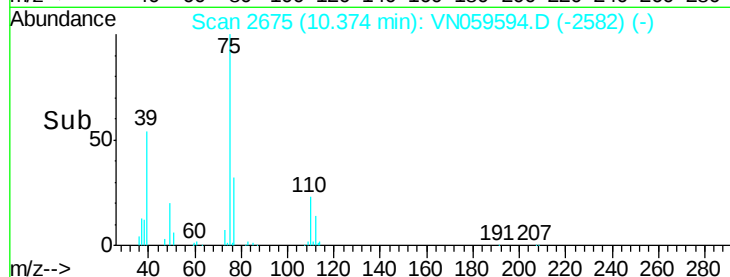
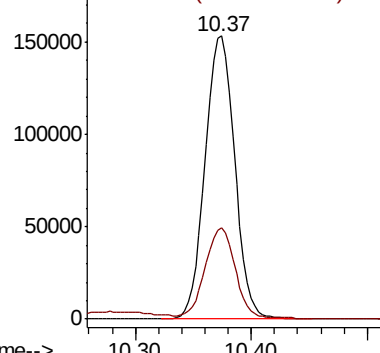
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.028 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

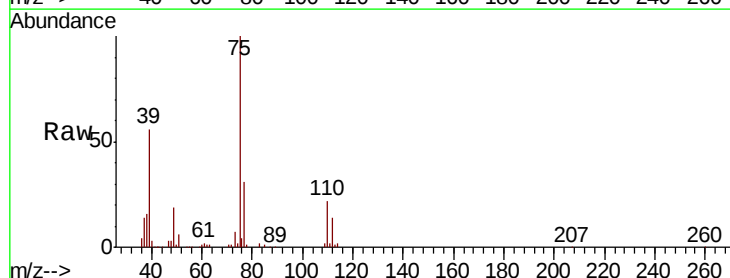
Tgt Ion: 75 Resp: 284702

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

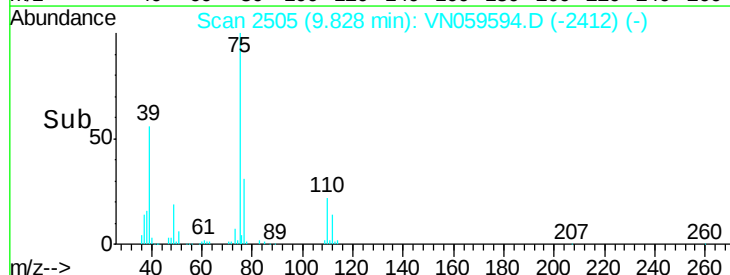
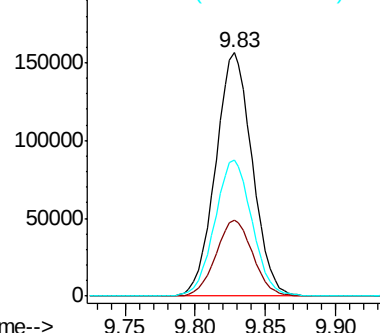
39 55.7 46.1 69.1

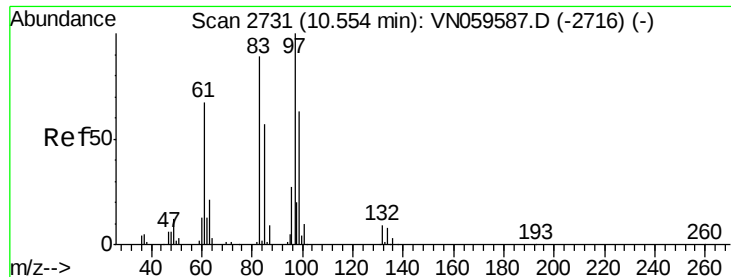


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





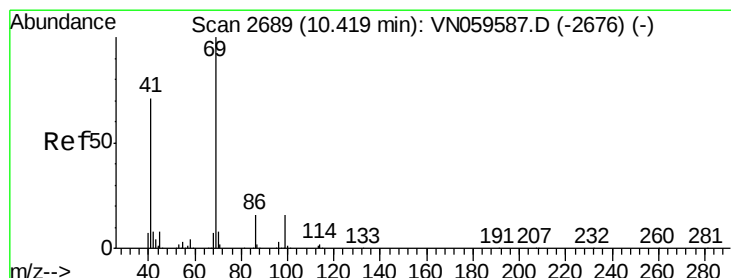
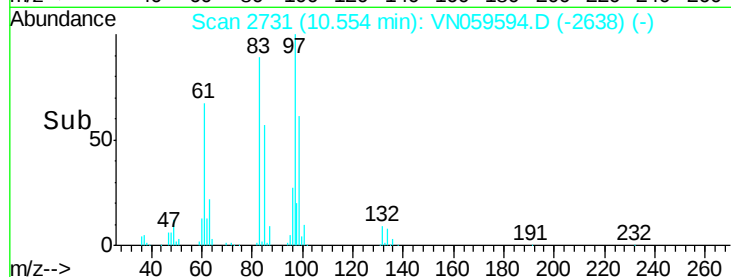
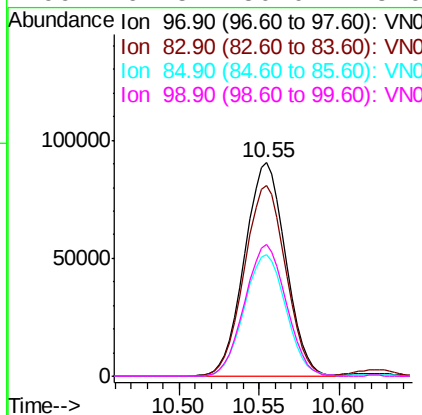
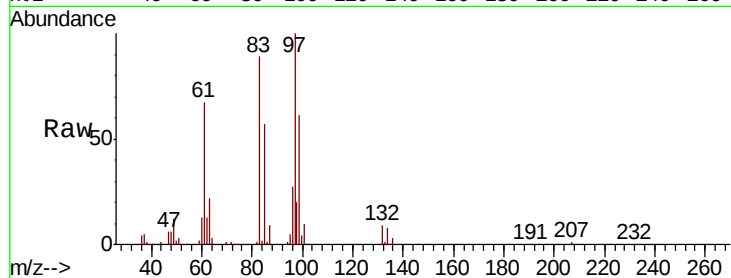
#55
 1,1,2-Trichloroethane
 Concen: 49.909 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Tot Ion:	97	Resp:	159701
Ion	Ratio	Lower	Upper
97	100		
83	89.5	71.3	106.9
85	56.7	45.8	68.8
99	61.5	50.0	75.0

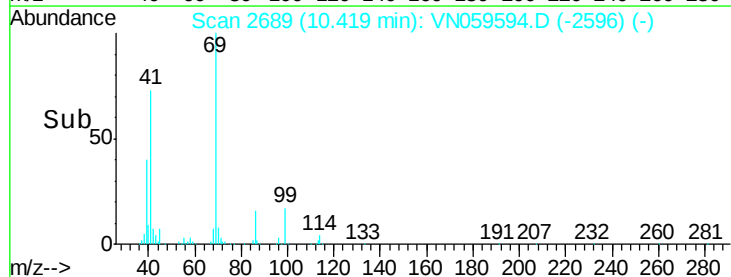
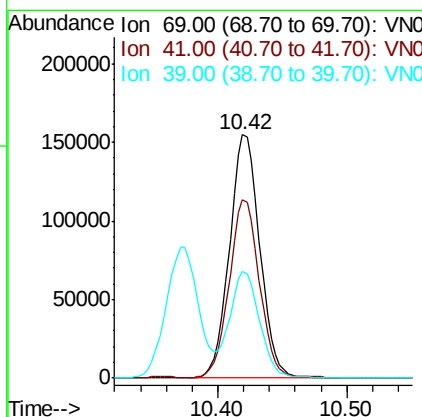
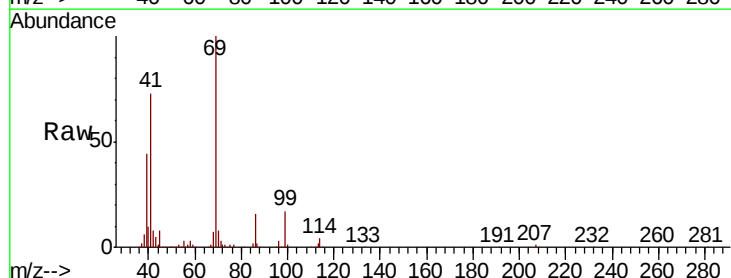
Manual Integrations
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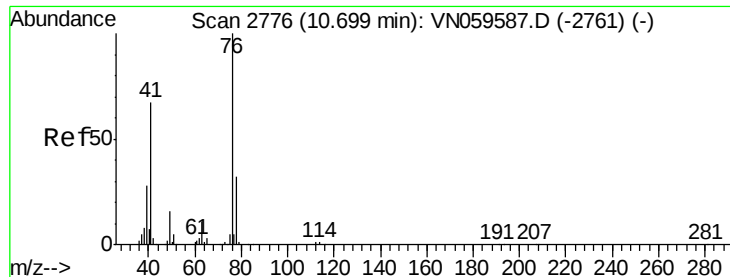
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#56
 Ethyl methacrylate
 Concen: 53.307 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Tgt Ion:	69	Resp:	253222
Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.1	85.7
39	43.4	34.7	52.1





#57

1,3-Dichloropropane

Concen: 50.146 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 76 Resp: 279381

Ion Ratio Lower Upper

76 100

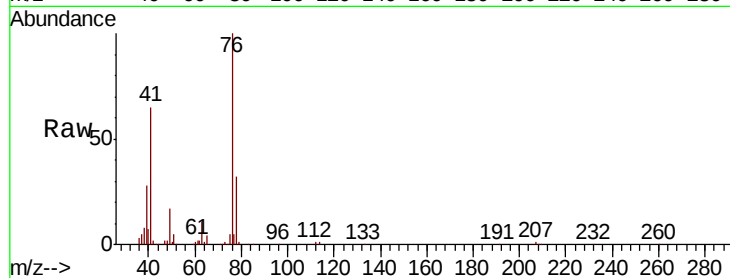
78 32.5 25.8 38.8

Manual Integrations

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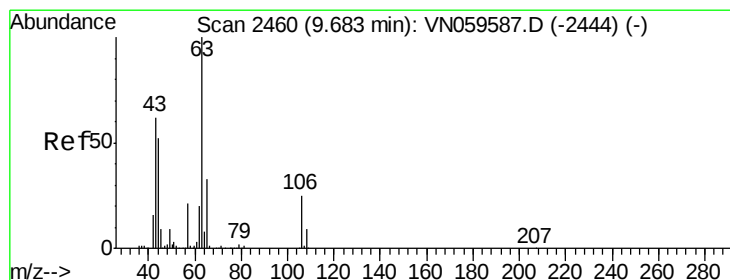
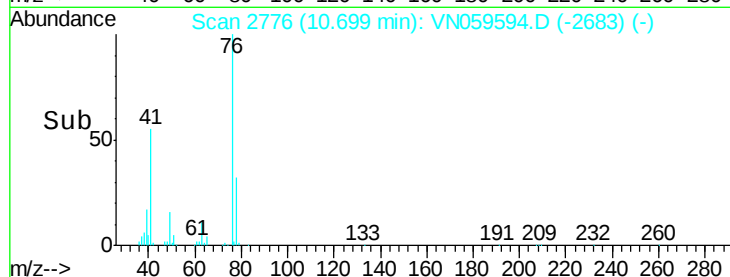
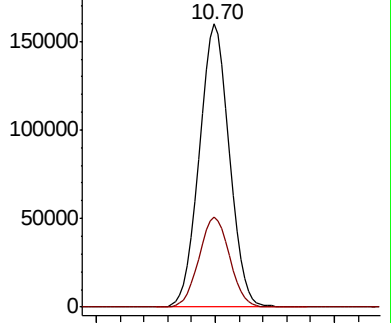
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 198.506 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059594.D

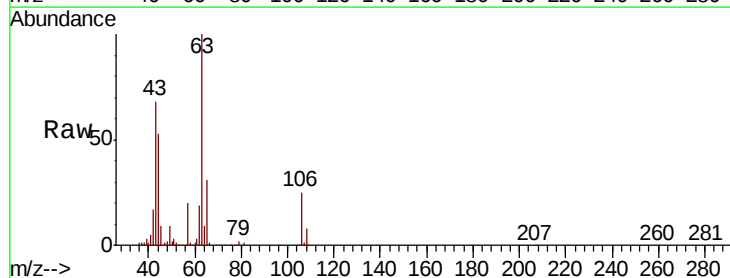
Acq: 13 Dec 2019 19:18

Tgt Ion: 63 Resp: 299898

Ion Ratio Lower Upper

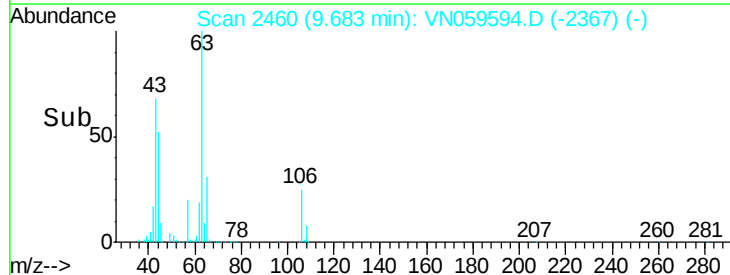
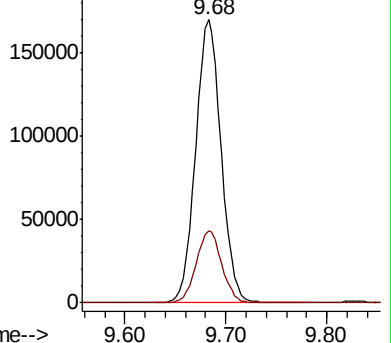
63 100

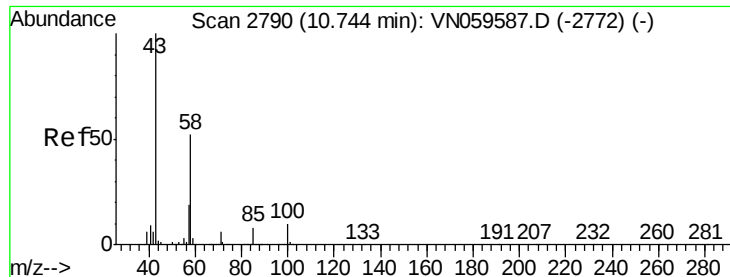
106 25.5 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





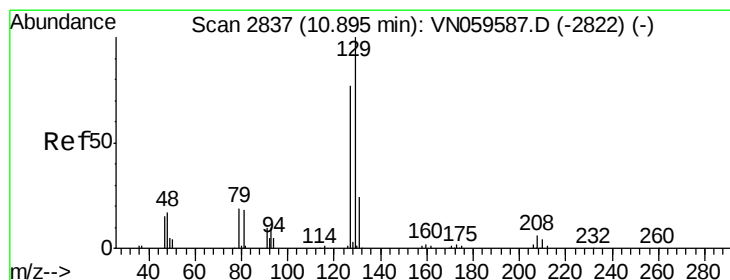
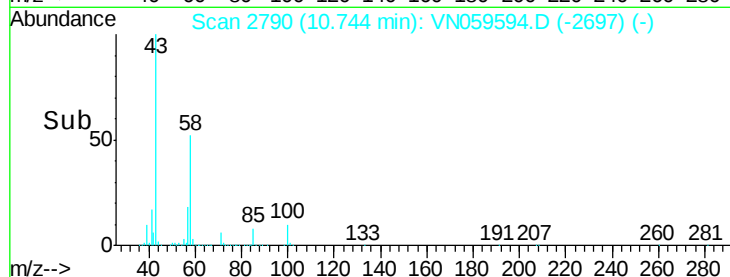
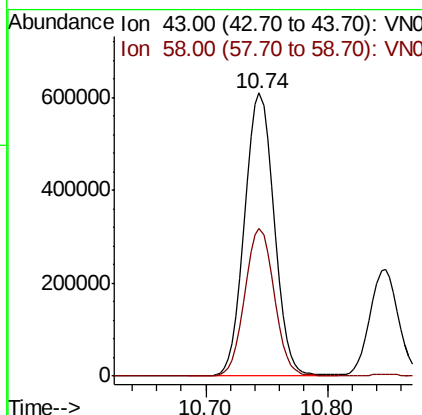
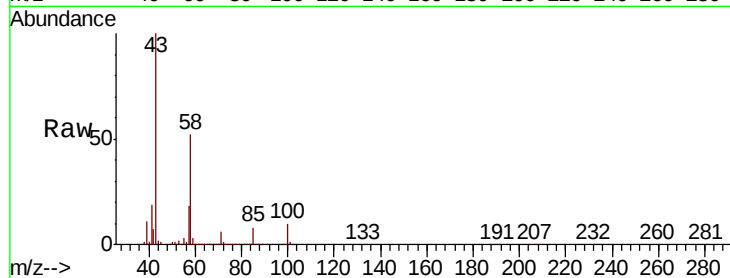
#59
2-Hexanone
Concen: 264.261 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion: 43 Resp: 1019020
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.3

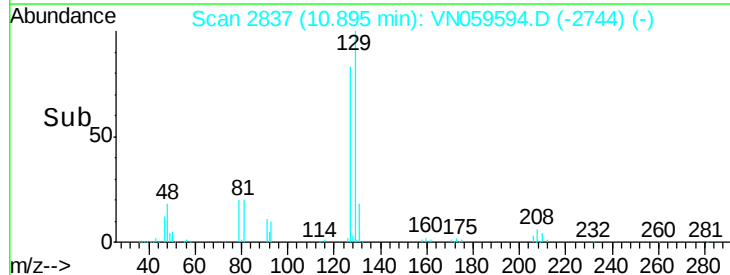
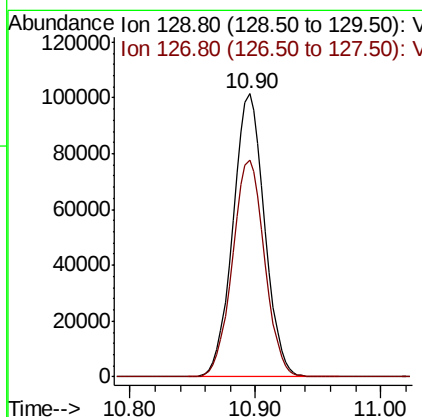
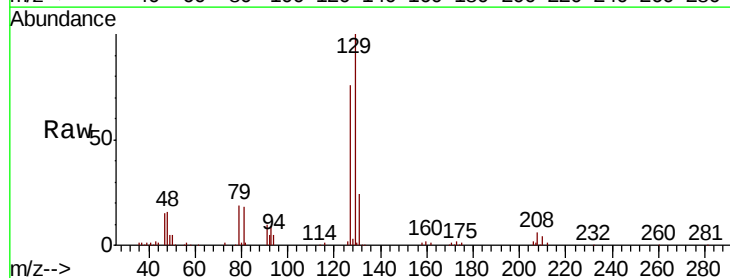
Manual Integrations
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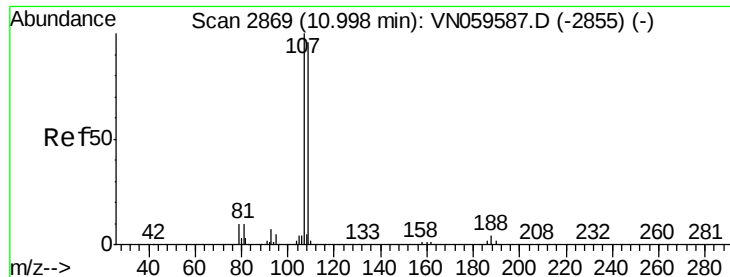
apatel
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#60
Dibromochloromethane
Concen: 50.795 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion: 129 Resp: 177395
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





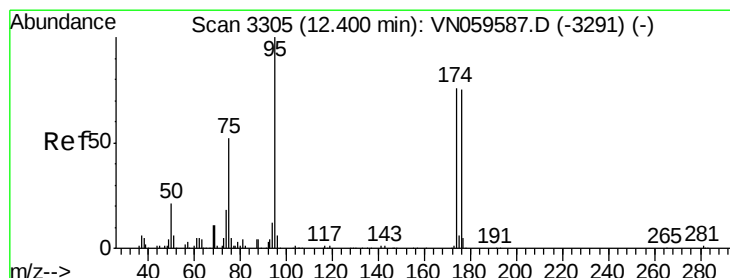
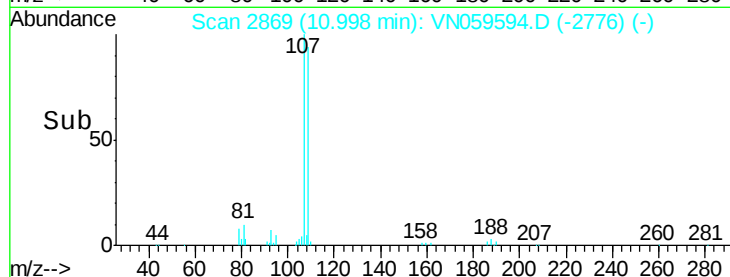
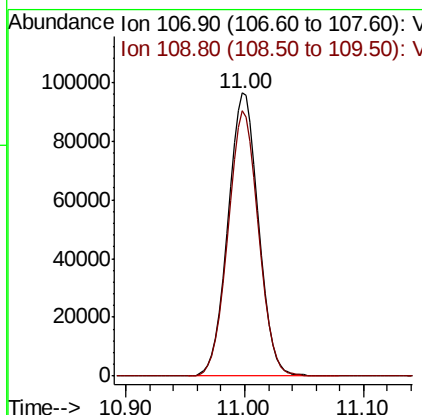
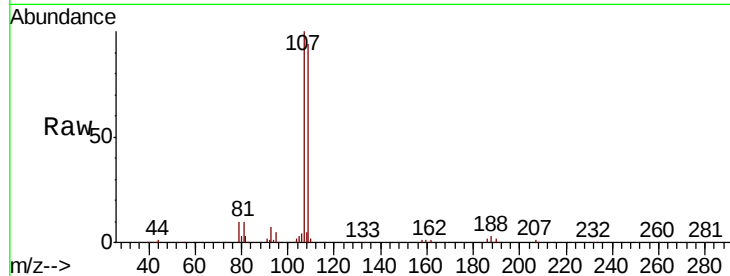
#61
 1,2-Dibromoethane
 Concen: 50.351 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
107	100	170868		
109	93.8	76.6	115.0	

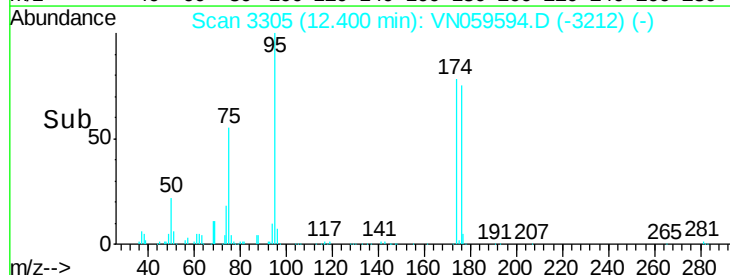
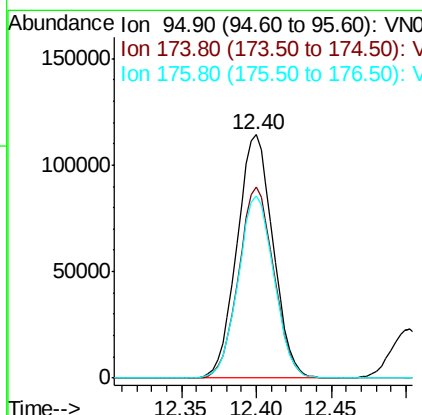
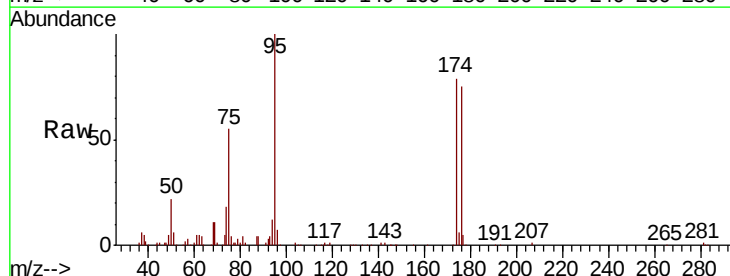
Manual Integrations
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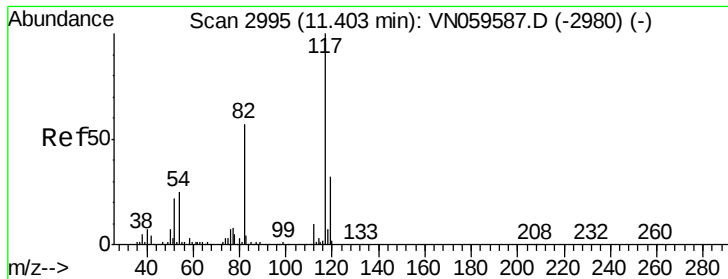
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#62
 4-Bromofluorobenzene
 Concen: 48.608 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	191333		
174	77.2	0.0	151.4	
176	74.4	0.0	146.0	





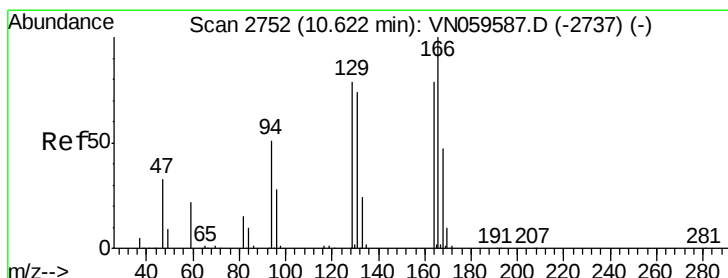
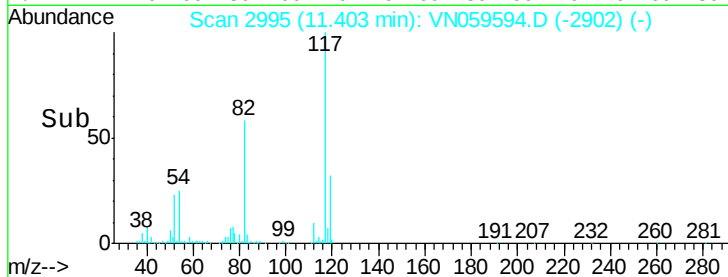
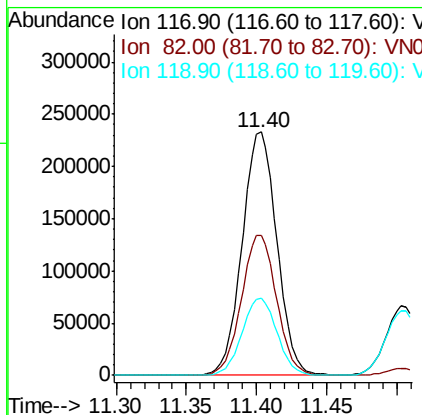
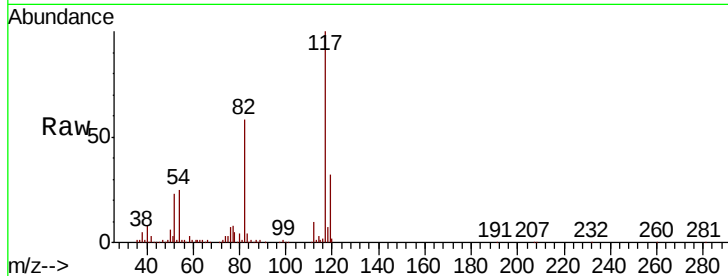
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.9	68.9
119	31.6	25.5	38.3

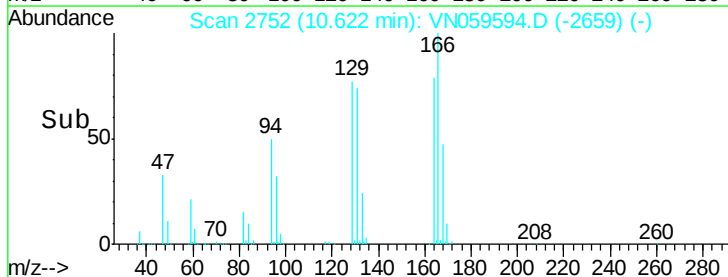
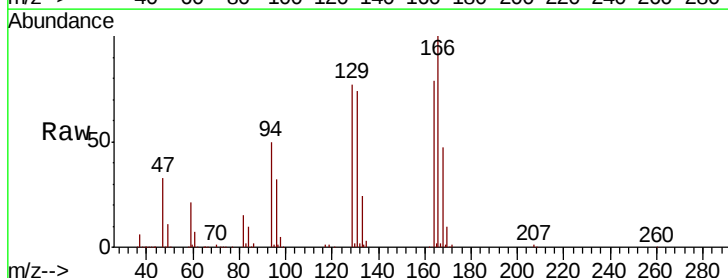
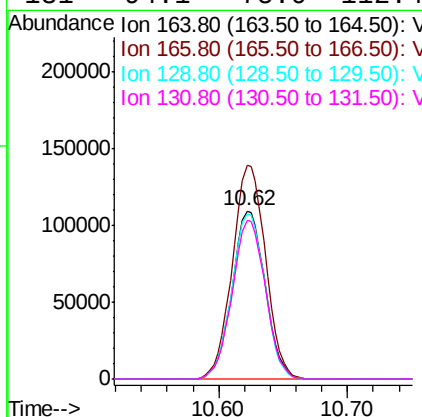
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#64
Tetrachloroethene
Concen: 51.916 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.4	152.0
129	98.4	80.2	120.4
131	94.1	75.0	112.4





#65

Chlorobenzene

Concen: 49.218 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion:112 Resp: 428523

Ion Ratio Lower Upper

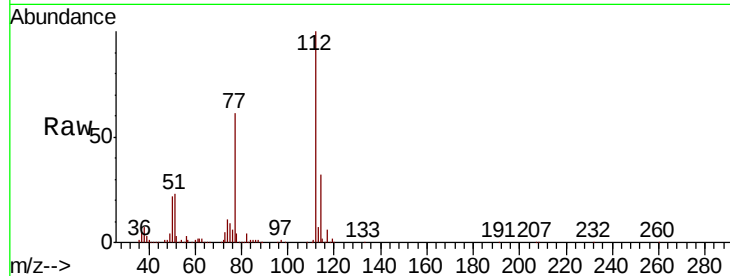
112 100

114 32.0 25.8 38.8

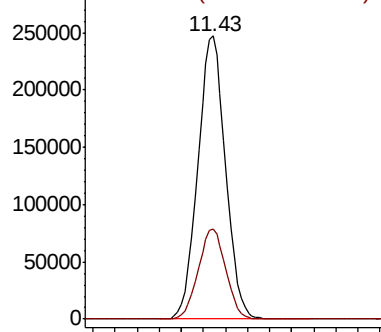
Manual Integrations
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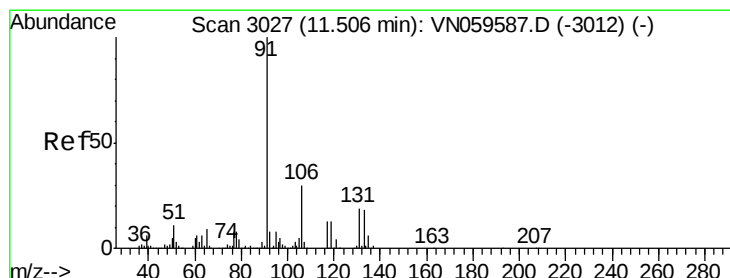
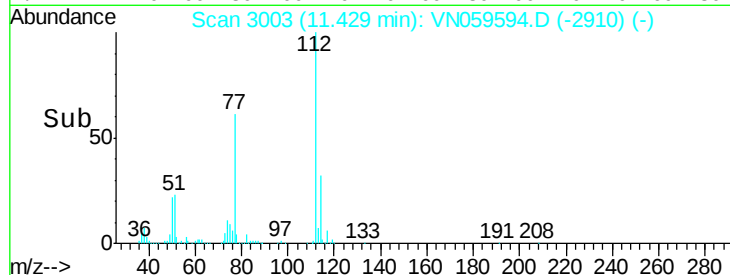
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Abundance Ion 111.90 (111.60 to 112.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.148 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

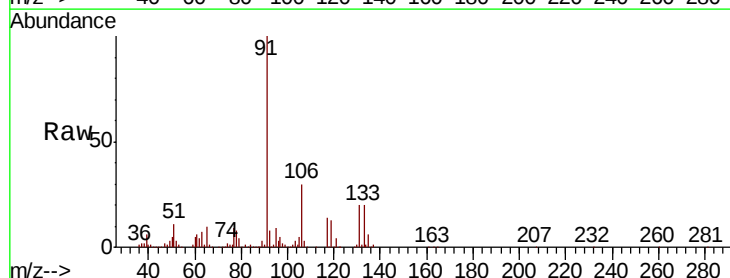
Tgt Ion:131 Resp: 162535

Ion Ratio Lower Upper

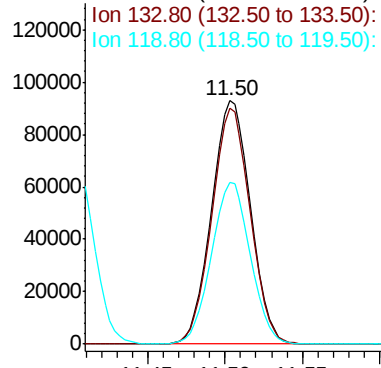
131 100

133 95.8 47.4 142.2

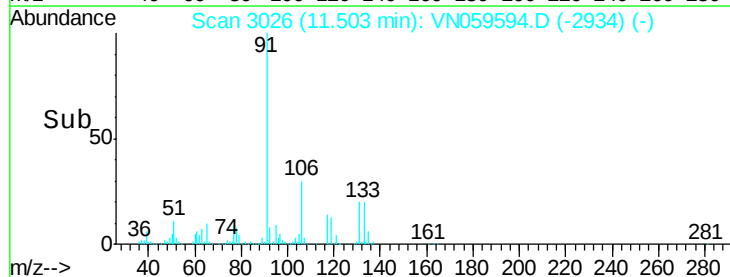
119 66.4 33.1 99.3

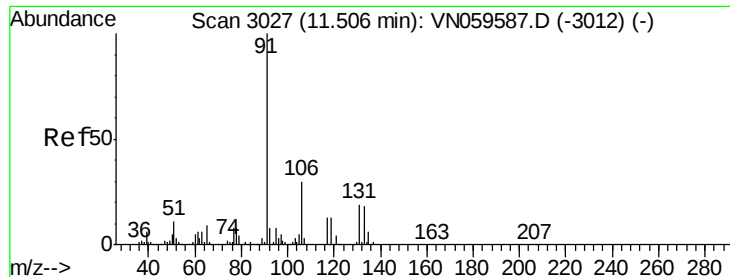


Abundance Ion 130.80 (130.50 to 131.50): V



Time-->





#67

Ethyl Benzene

Concen: 50.492 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 91 Resp: 793524

Ion Ratio Lower Upper

91 100

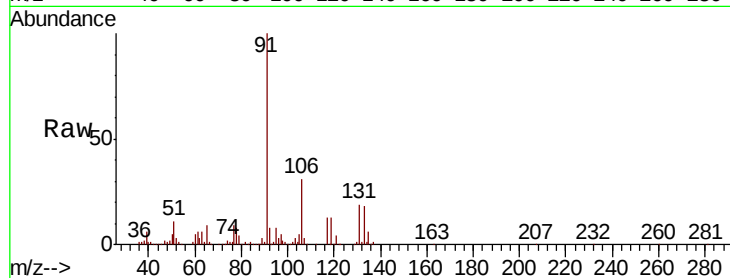
106 30.8 24.1 36.1

Manual Integrations

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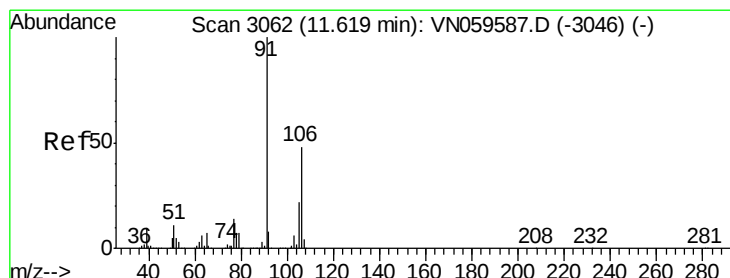
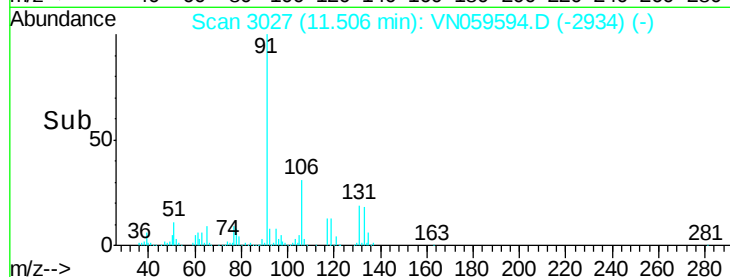
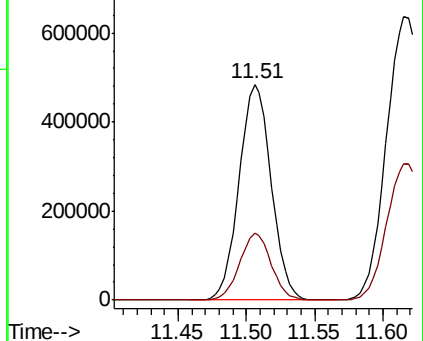
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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059587.D (-3012) (-)



#68

m/p-Xylenes

Concen: 101.694 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059594.D

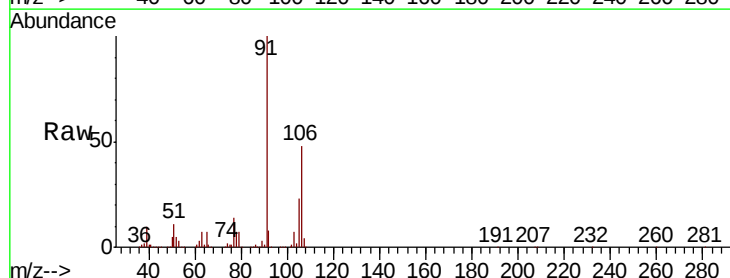
Acq: 13 Dec 2019 19:18

Tgt Ion: 106 Resp: 590162

Ion Ratio Lower Upper

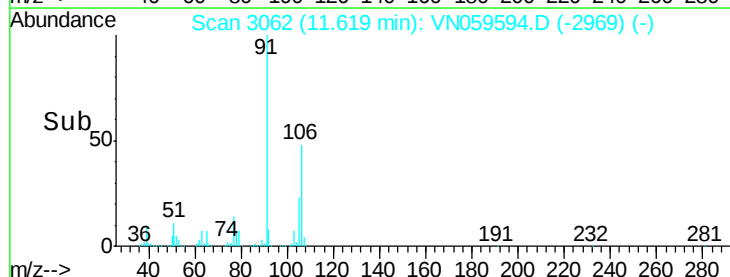
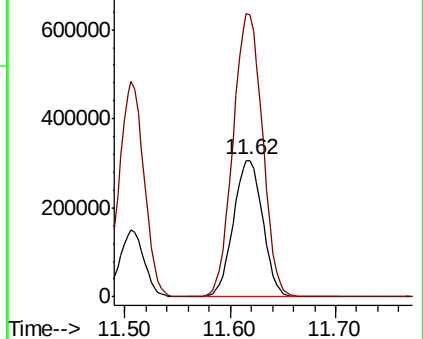
106 100

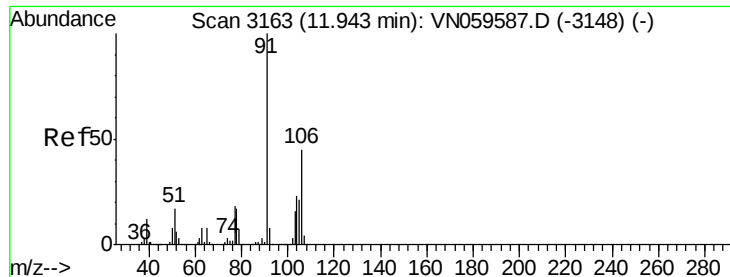
91 208.1 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-3046) (-)





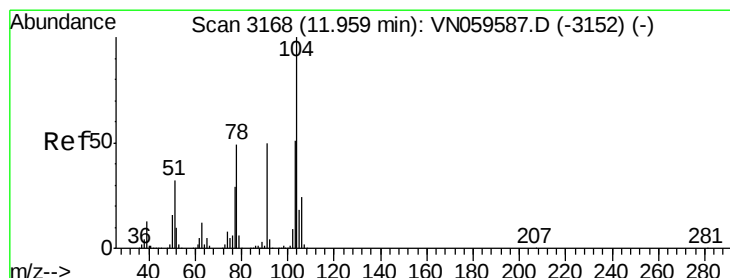
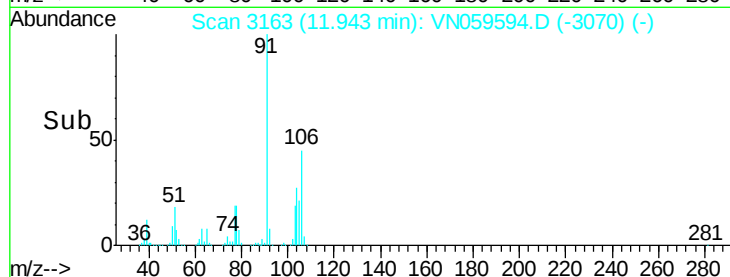
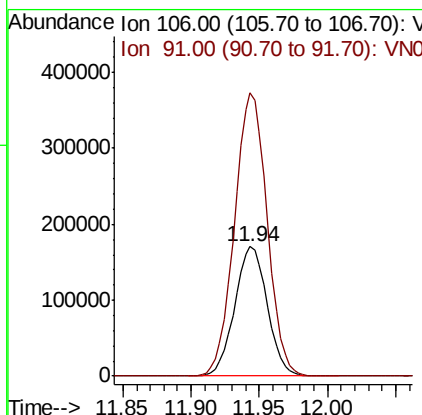
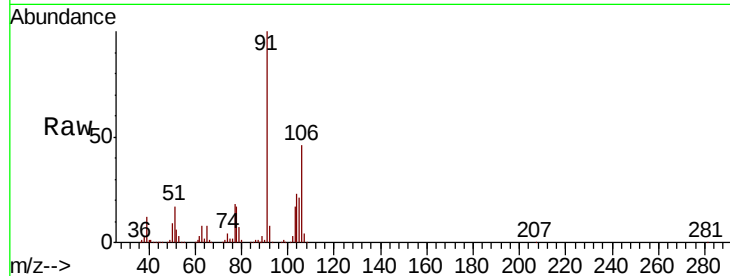
#69
o-Xylene
Concen: 51.077 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ion	Ratio	Lower	Upper
282044	106	100		
	91	219.3	110.3	330.9

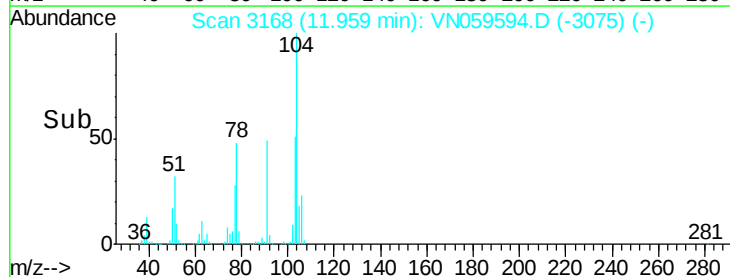
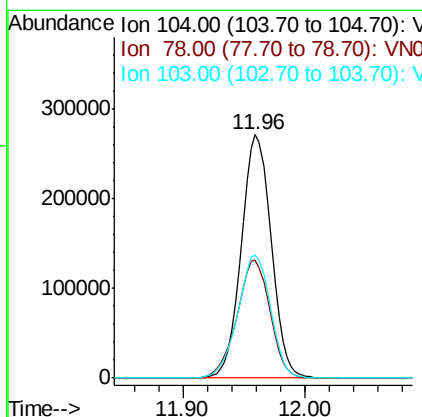
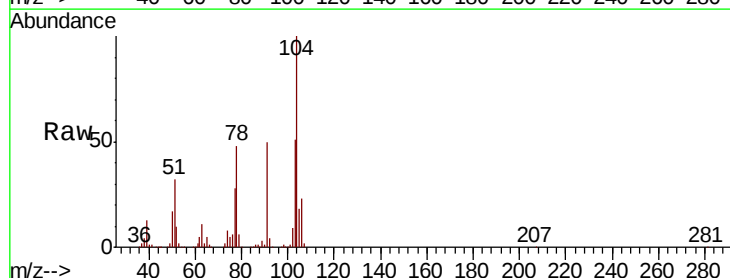
Manual Integrations
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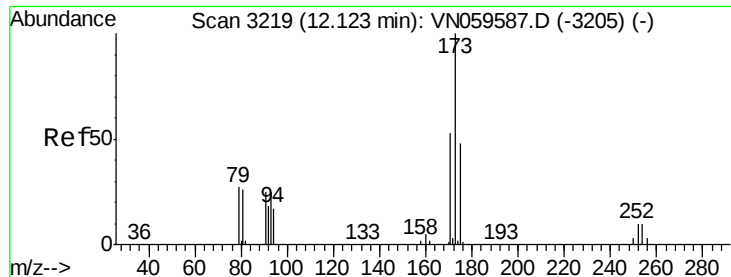
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#70
Styrene
Concen: 51.649 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
458232	104	100		
	78	53.6	42.4	63.6
	103	55.6	43.9	65.9





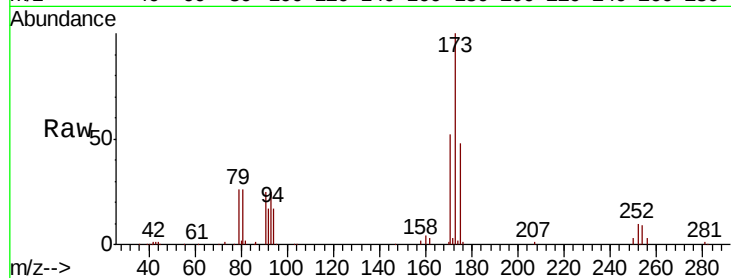
#71
Bromoform
Concen: 51.776 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations
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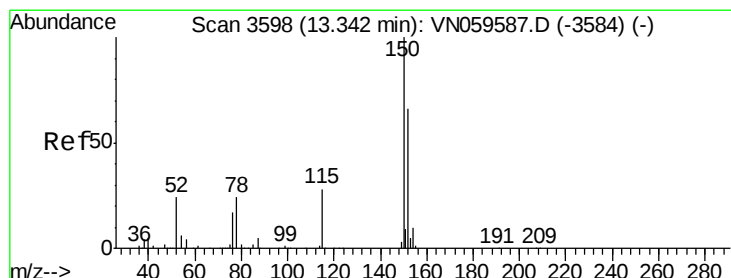
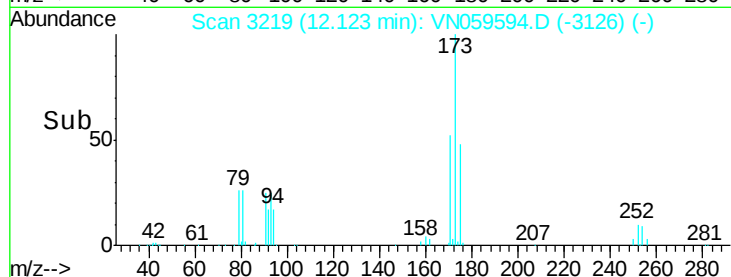
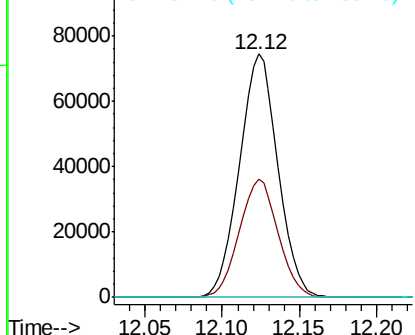


Abundance

Ion 172.70 (172.40 to 173.40): V

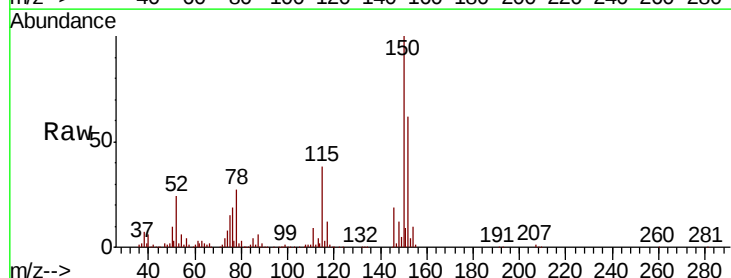
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.3	90.9
150	175.5	0.0	345.2

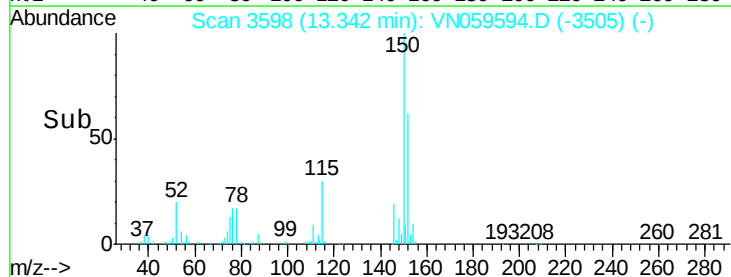
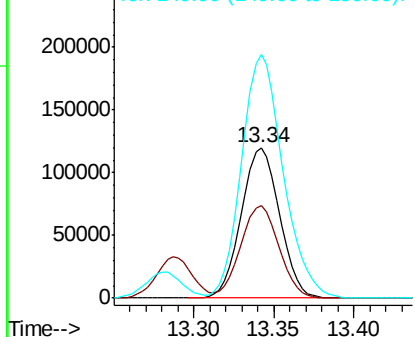


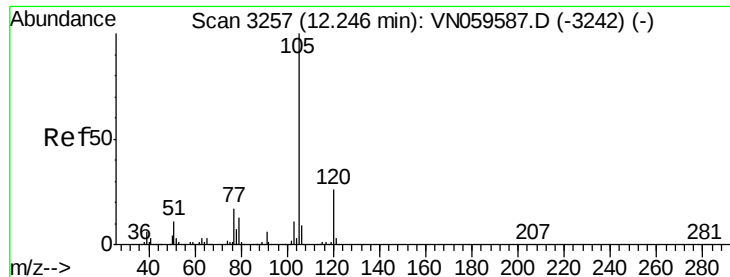
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.546 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVFN121319

Tot Ion: 105 Resp: 760198

Ion Ratio Lower Upper

105 100

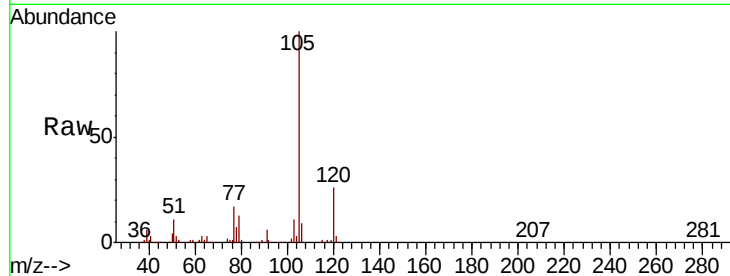
120 26.0 13.2 39.5

Manual Integrations

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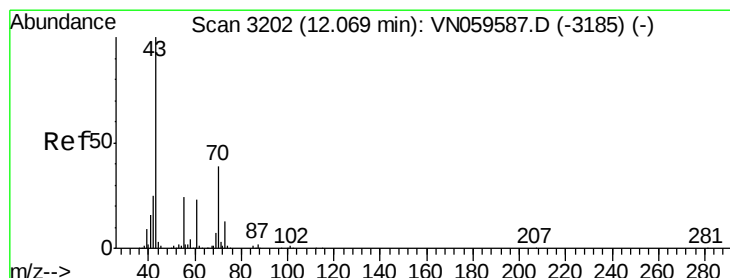
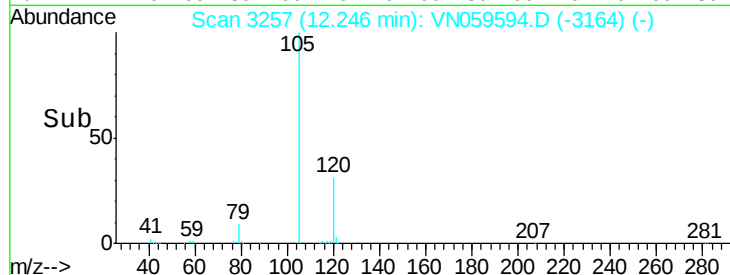
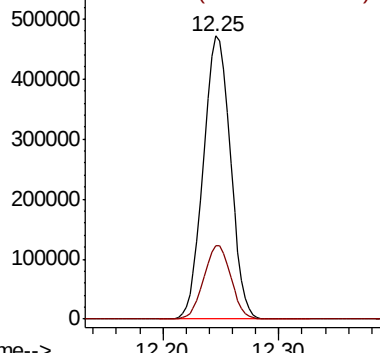
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.010 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion: 43 Resp: 359007

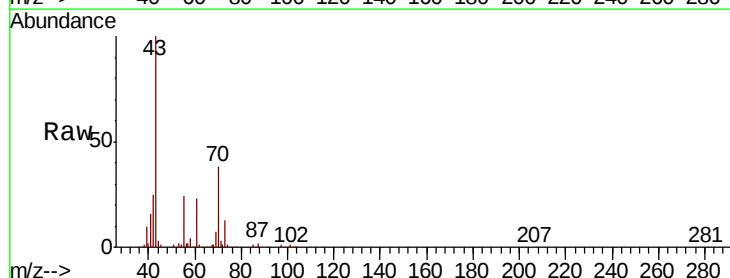
Ion Ratio Lower Upper

43 100

70 38.9 31.3 46.9

55 24.8 19.8 29.6

61 22.5 18.3 27.5

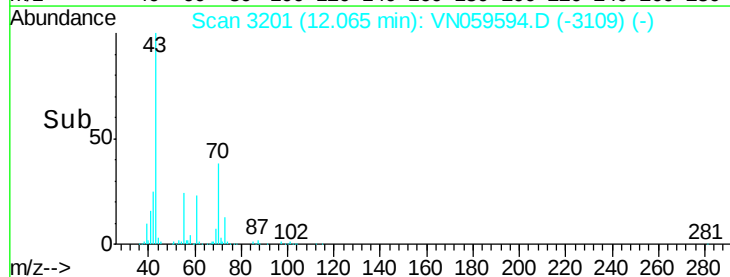
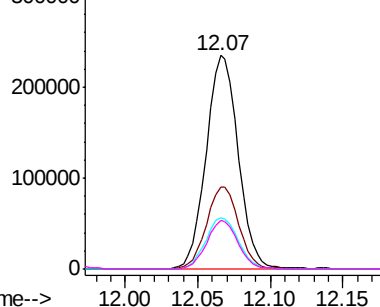


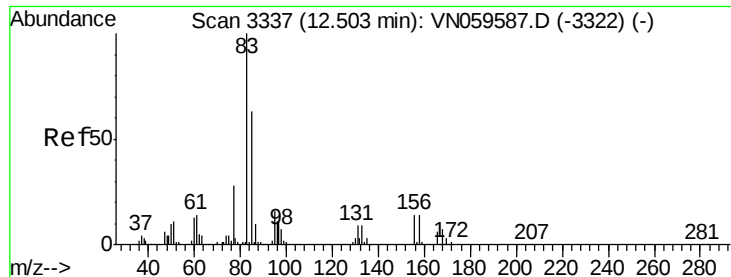
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.114 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

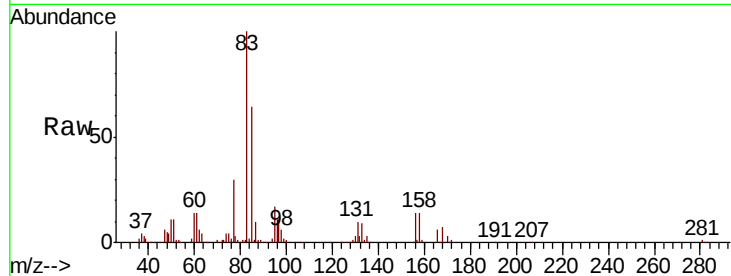
ClientSampleId :

ICVVN121319

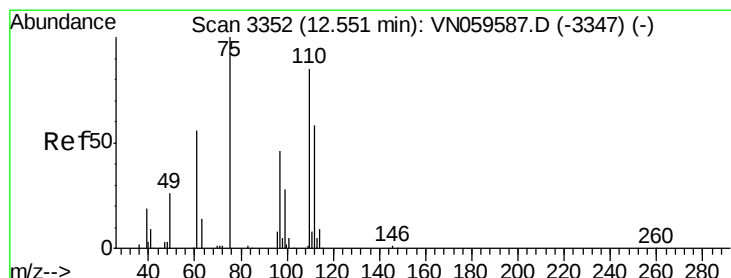
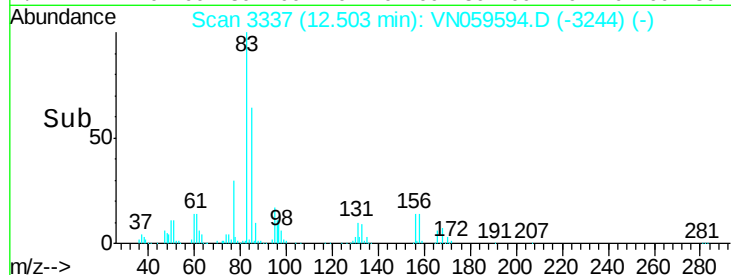
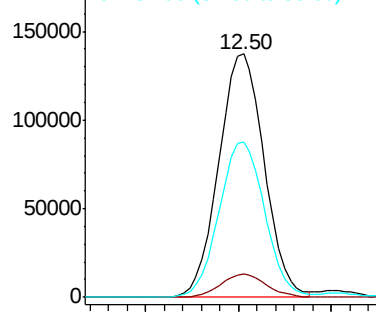
Tot Ion:	83	Resp:	234173
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	64.1	31.9	95.5

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Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 48.462 ug/l m

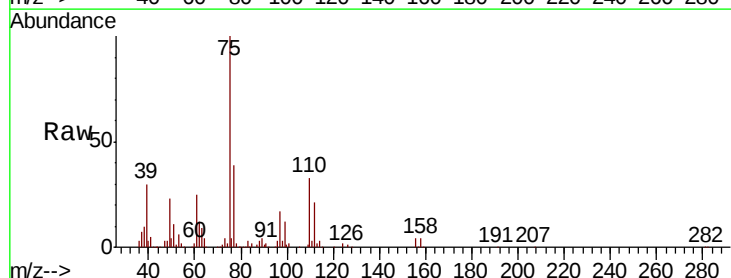
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

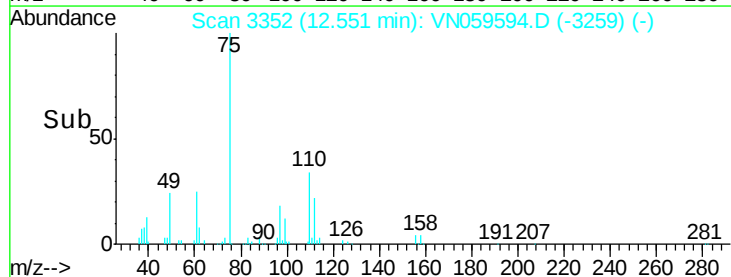
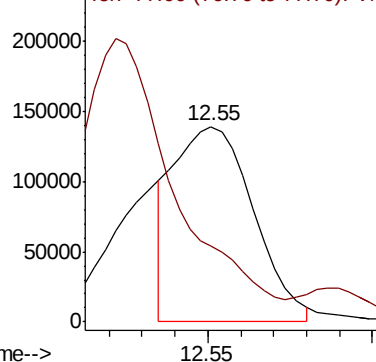
Lab File: VN059594.D

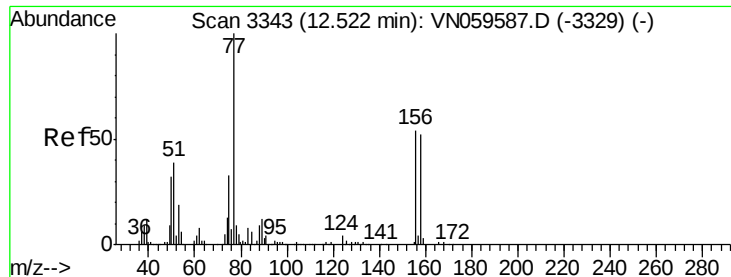
Acq: 13 Dec 2019 19:18

Tgt Ion:	75	Resp:	234488
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3347) (-)





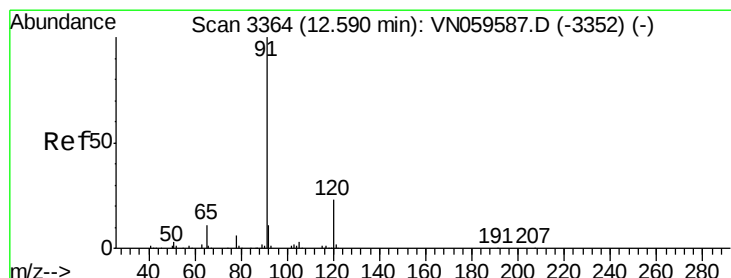
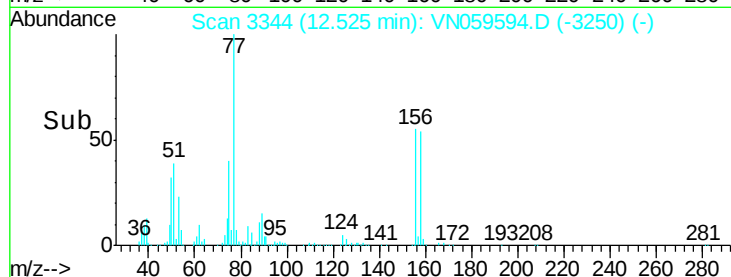
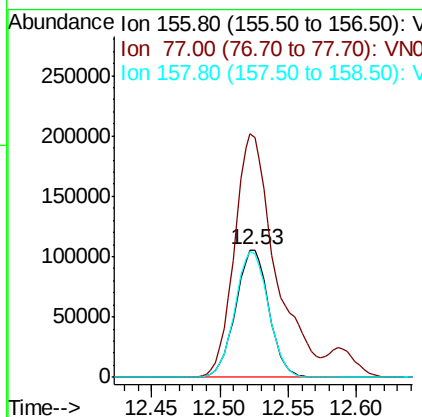
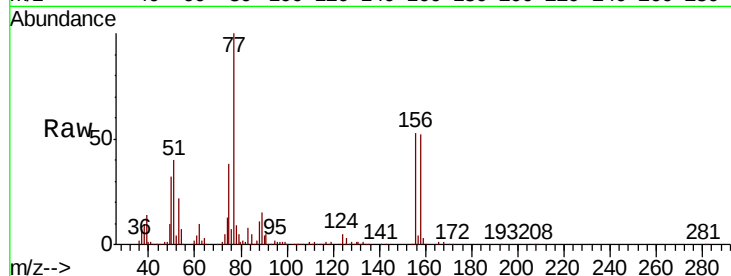
#77
Bromobenzene
Concen: 47.320 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.1	115.8	347.4
158	99.6	49.2	147.6

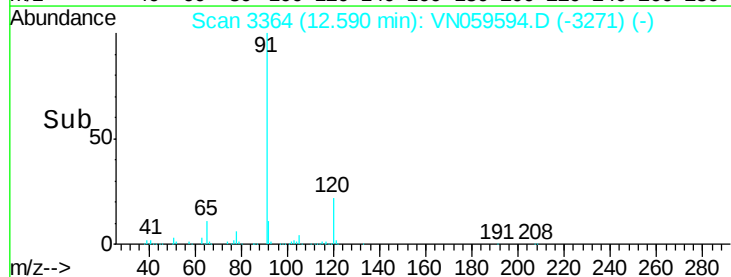
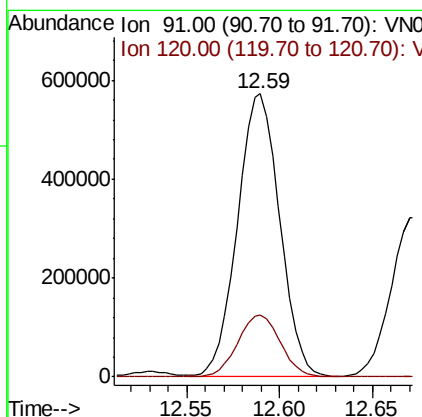
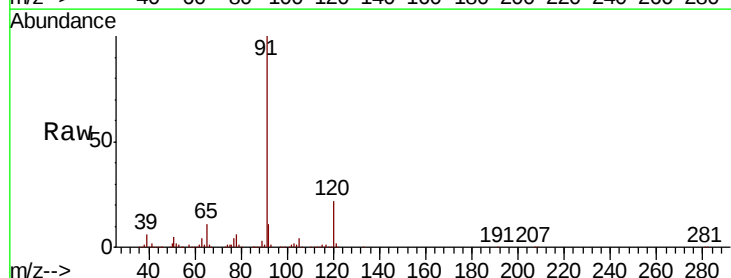
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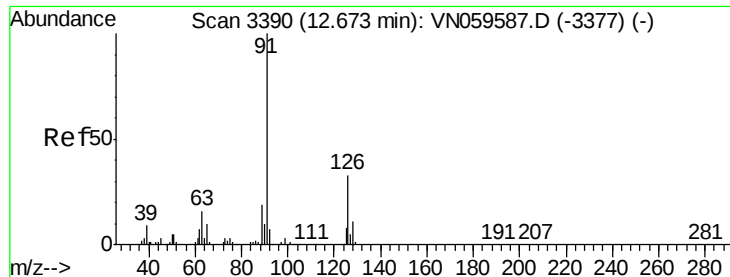
apatel
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#78
n-propylbenzene
Concen: 50.209 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





#79

2-Chlorotoluene

Concen: 48.742 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121319

Tot Ion: 91 Resp: 534556

Ion Ratio Lower Upper

91 100

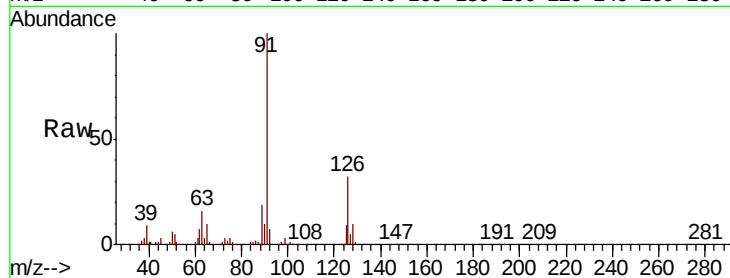
126 32.2 16.3 48.9

Manual Integrations

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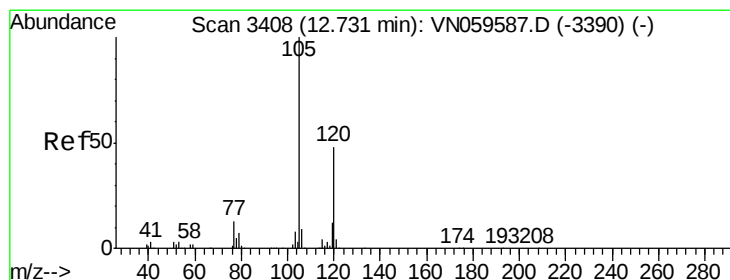
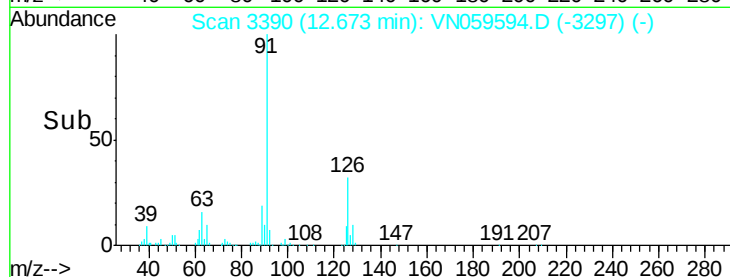
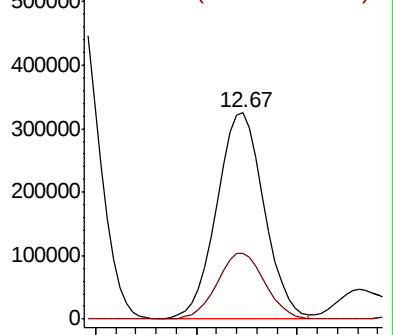
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059587.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.136 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059594.D

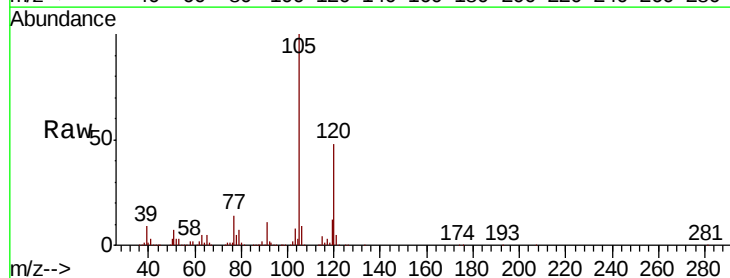
Acq: 13 Dec 2019 19:18

Tgt Ion: 105 Resp: 650979

Ion Ratio Lower Upper

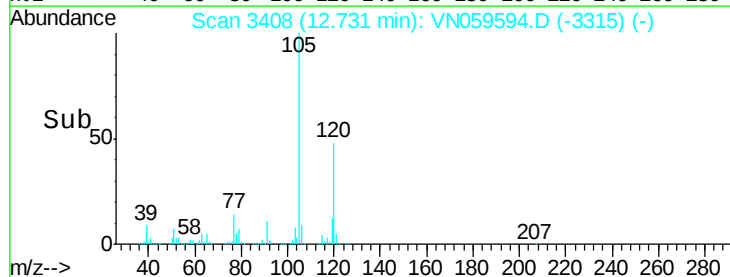
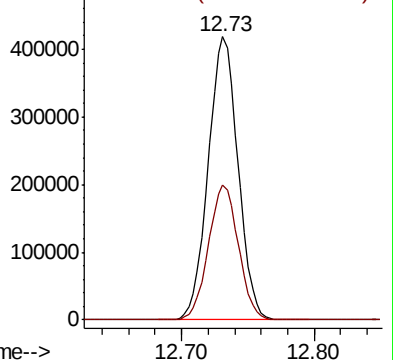
105 100

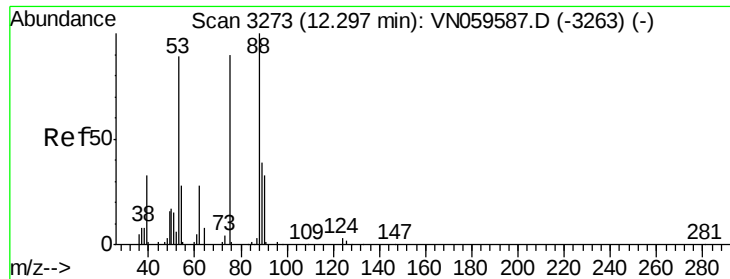
120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059587.D (-3390) (-)





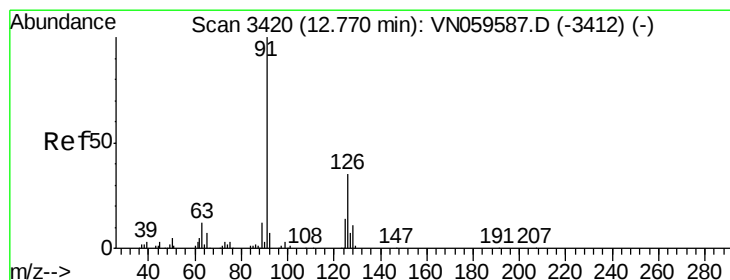
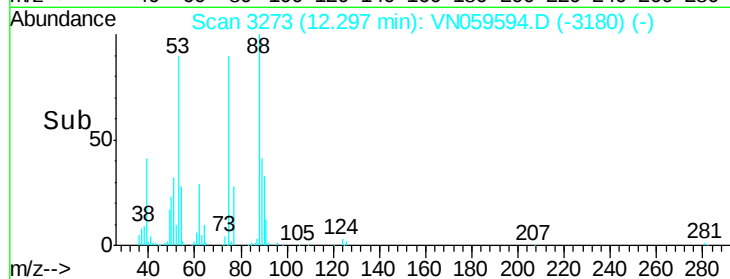
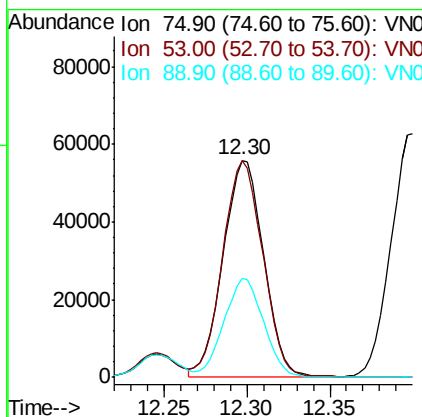
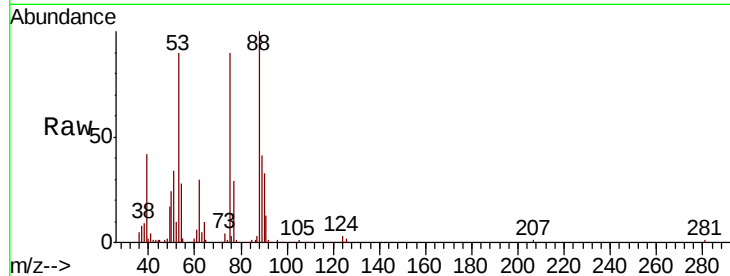
#81
trans-1,4-Dichloro-2-butene
Concen: 48.323 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.7	78.1	117.1
89	45.0	35.4	53.2

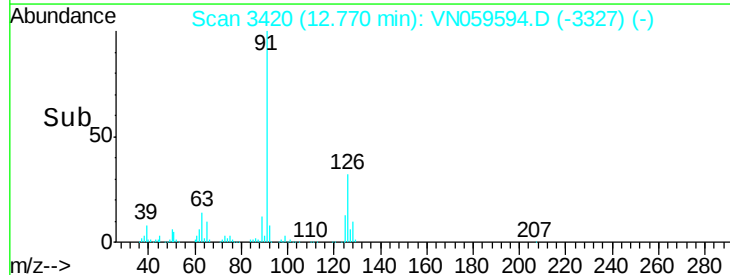
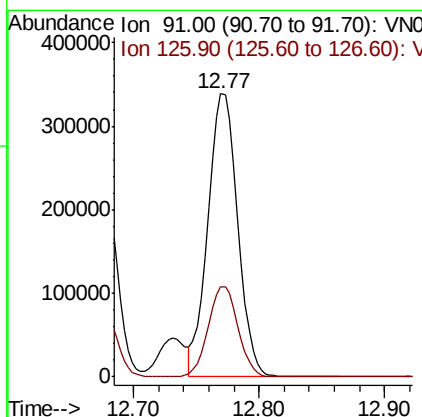
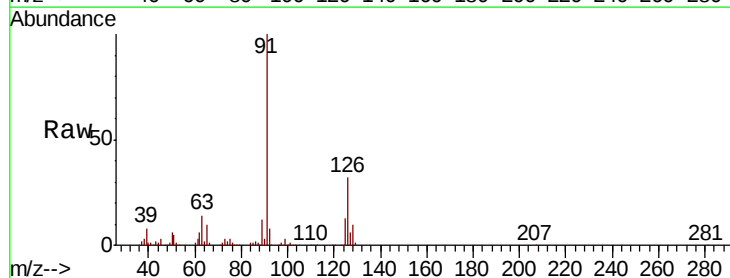
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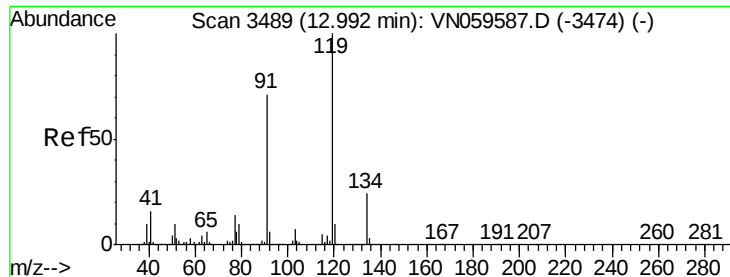
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#82
4-Chlorotoluene
Concen: 49.610 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.3	48.8





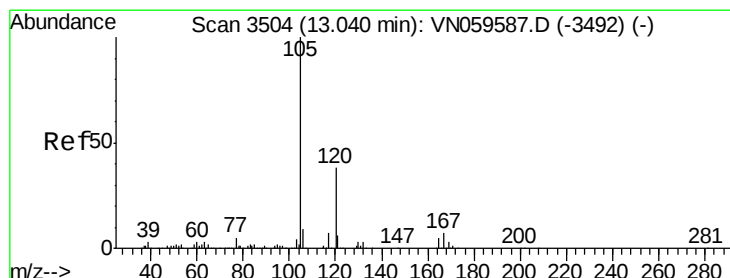
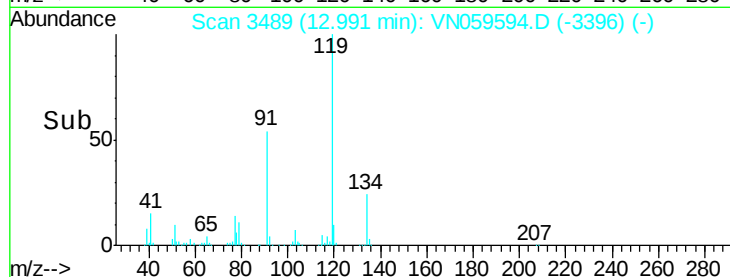
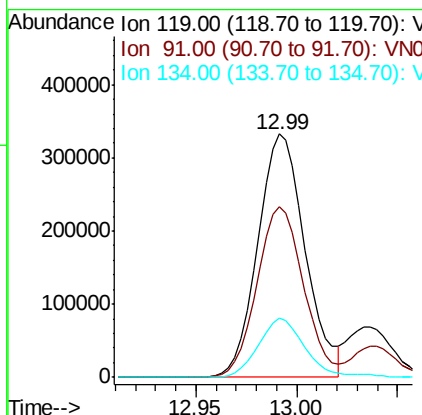
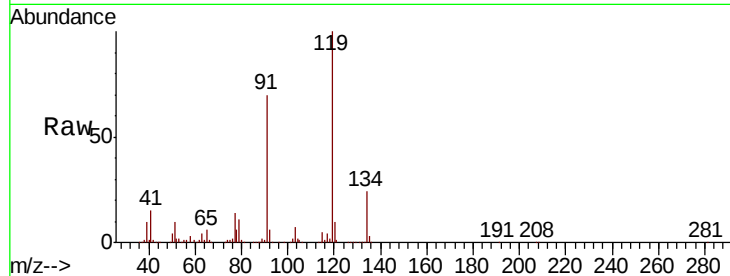
#83
tert-Butylbenzene
Concen: 49.389 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.8	104.4
134	24.1	12.3	36.9

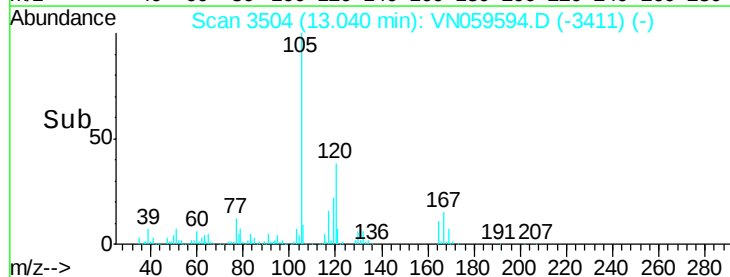
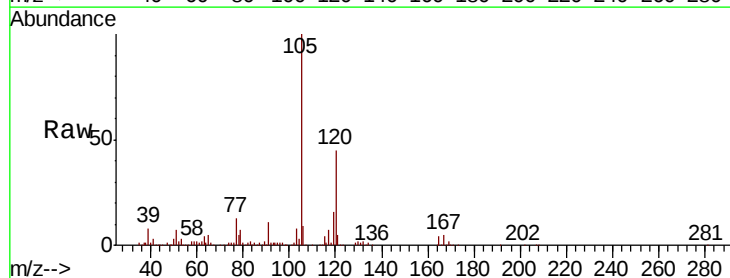
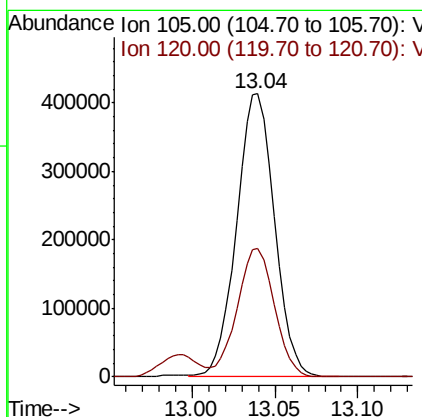
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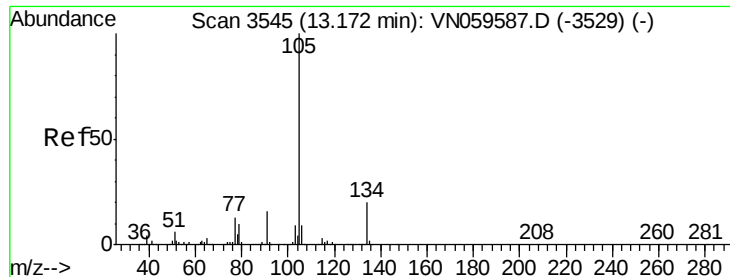
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#84
1,2,4-Trimethylbenzene
Concen: 50.756 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9





#85

sec-Butylbenzene

Concen: 51.006 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

ICVFN121319

Tot Ion:105 Resp: 746055

Ion Ratio Lower Upper

105 100

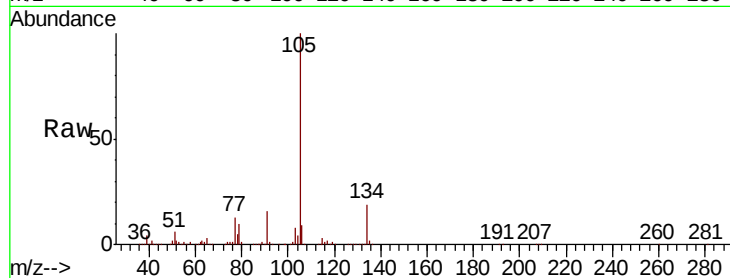
134 19.3 9.8 29.5

Manual Integrations

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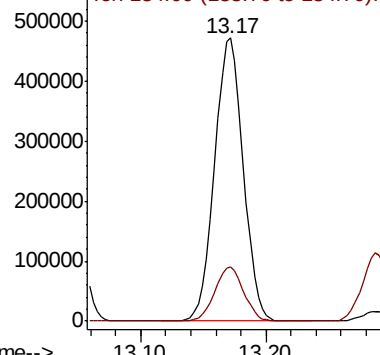
apatel

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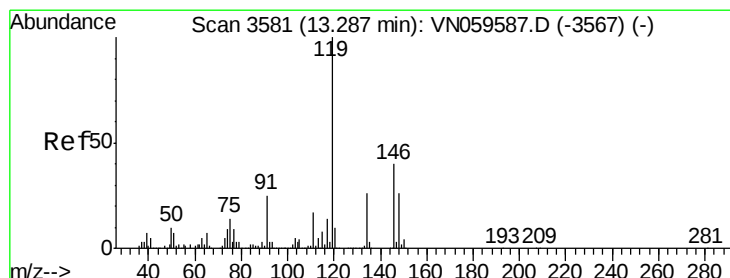
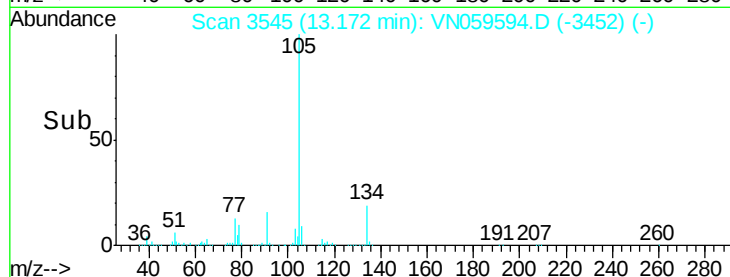


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 51.338 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

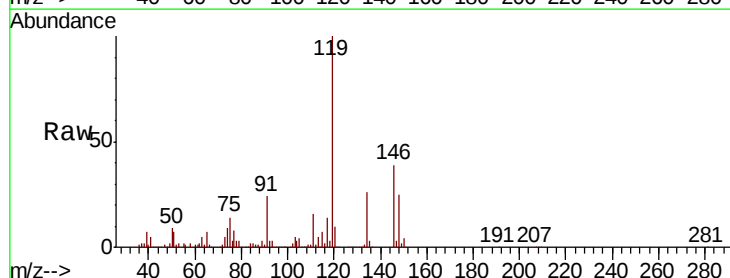
Tgt Ion:119 Resp: 680098

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

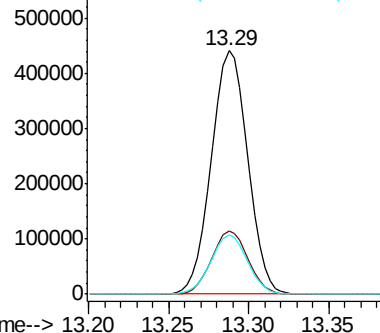
91 24.6 12.4 37.4



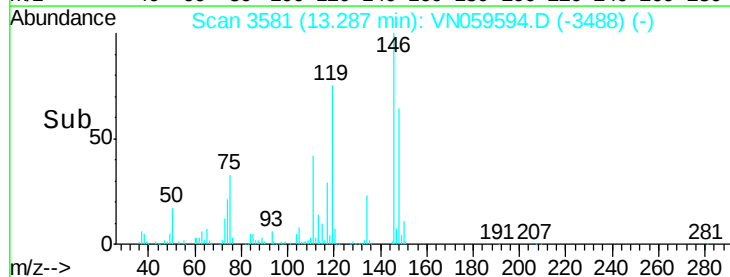
Abundance Ion 119.00 (118.70 to 119.70): V

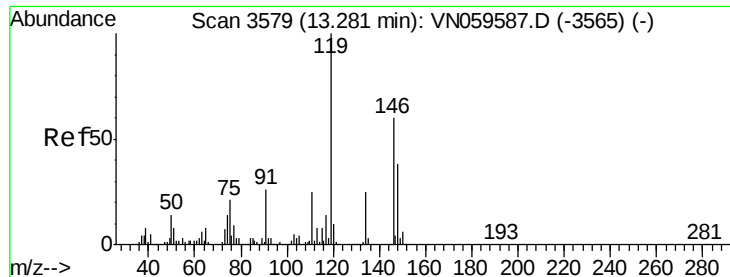
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





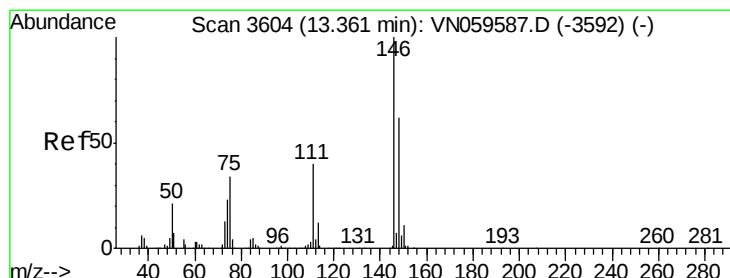
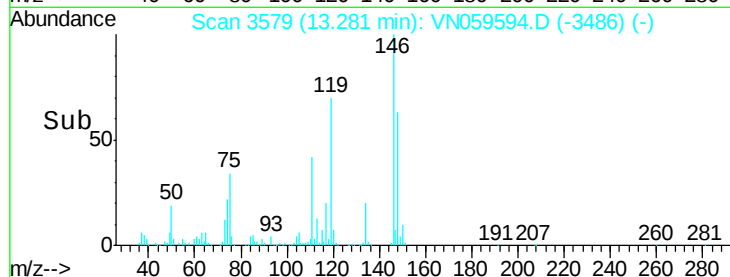
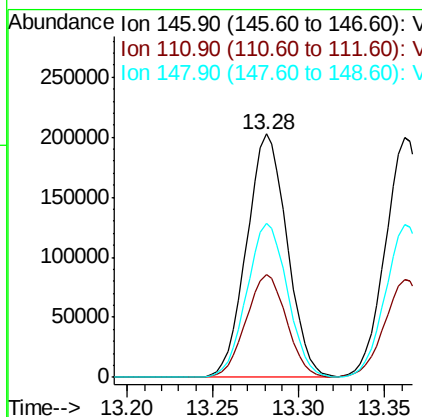
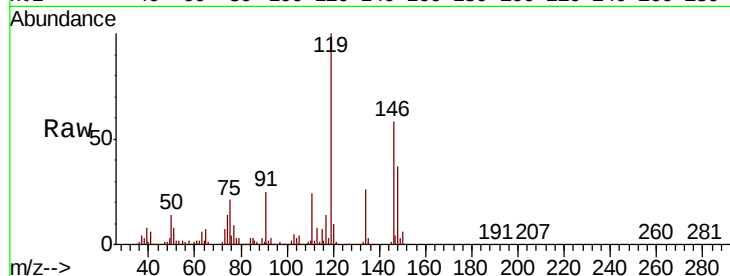
#87
 1,3-Dichlorobenzene
 Concen: 47.795 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.2
148	63.7	32.0	96.0

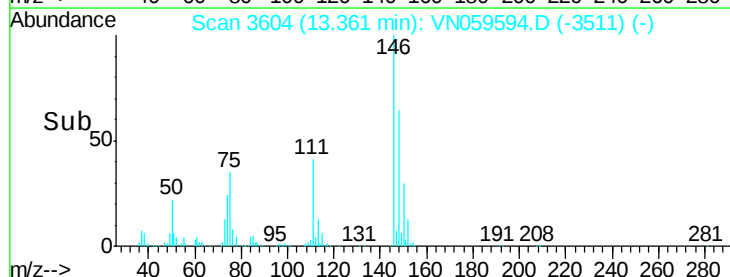
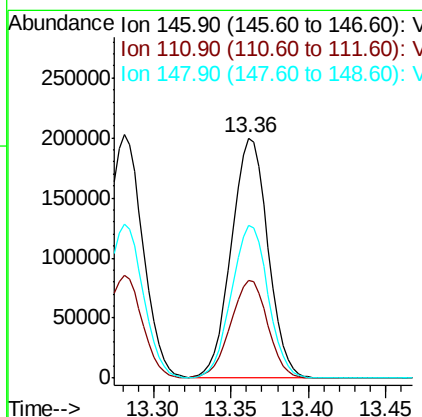
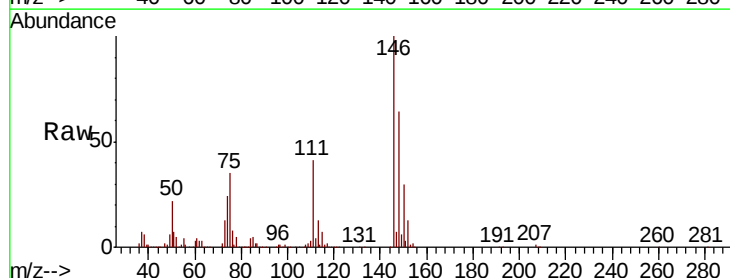
Manual Integrations
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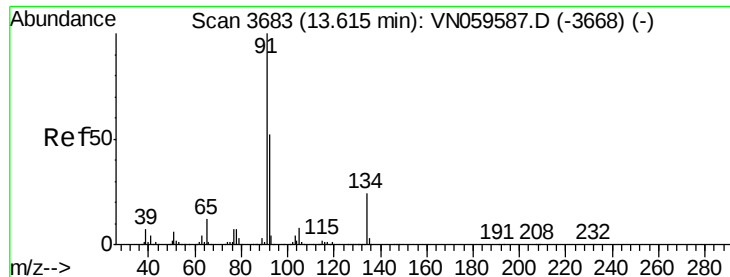
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#88
 1,4-Dichlorobenzene
 Concen: 46.839 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.2
148	64.2	31.8	95.4





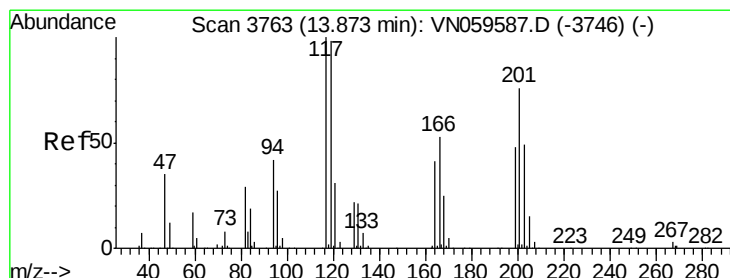
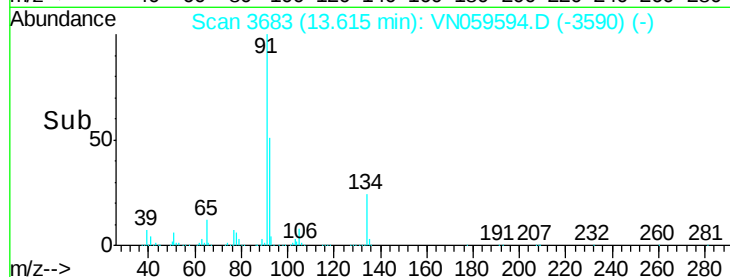
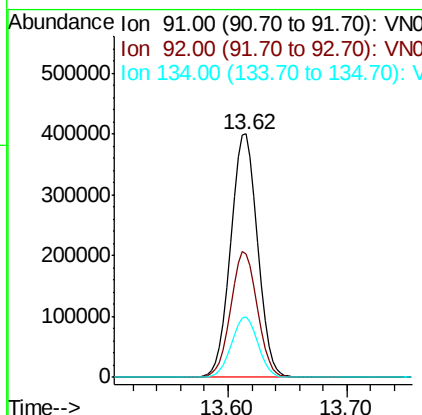
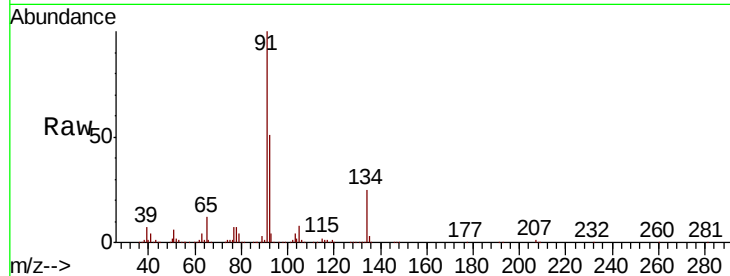
#89
n-Butylbenzene
Concen: 50.496 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.7
134	24.7	12.3	36.8

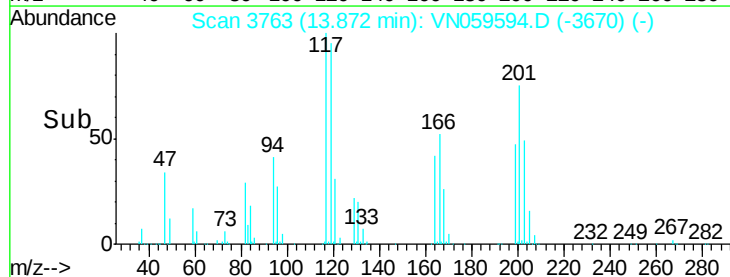
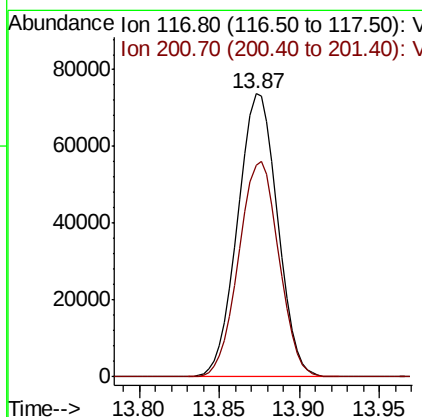
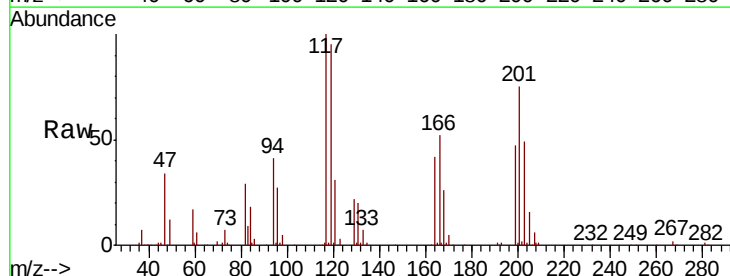
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#90
Hexachloroethane
Concen: 50.104 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 47.507 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Instrument :

MSVOA_N

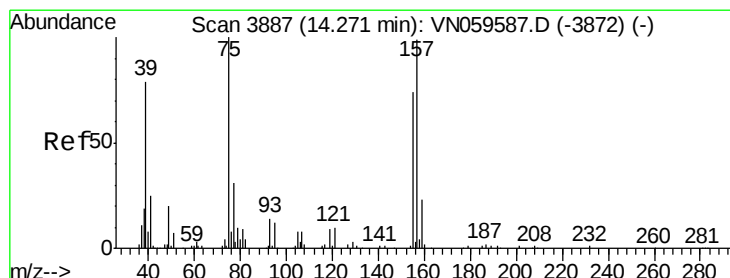
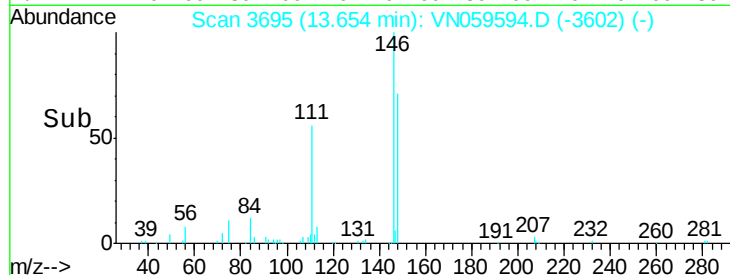
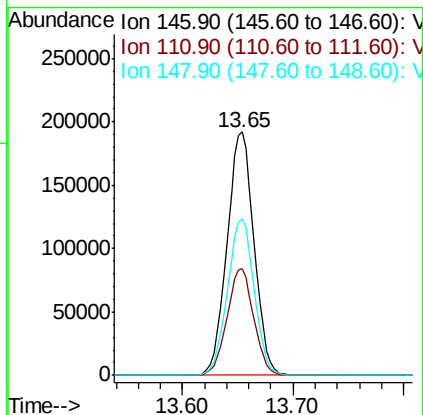
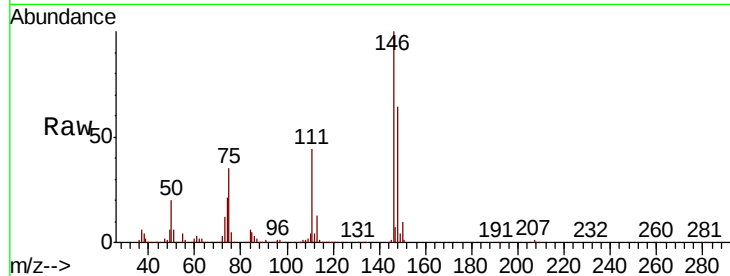
ClientSampleId :

ICVVN121319

Tot Ion:	146	Resp:	325073
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.6	64.8
148	63.9	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.342 ug/l

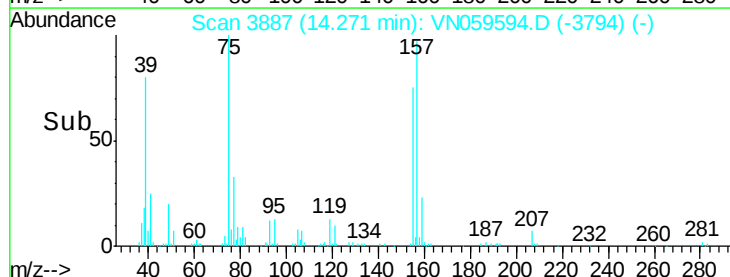
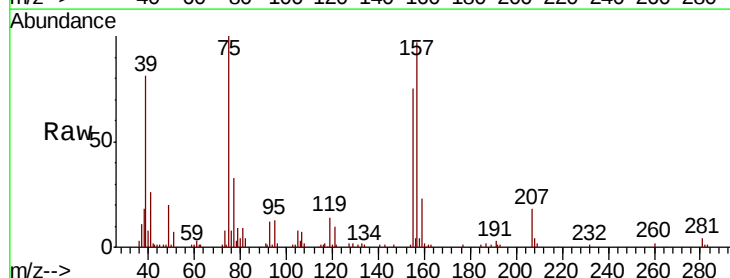
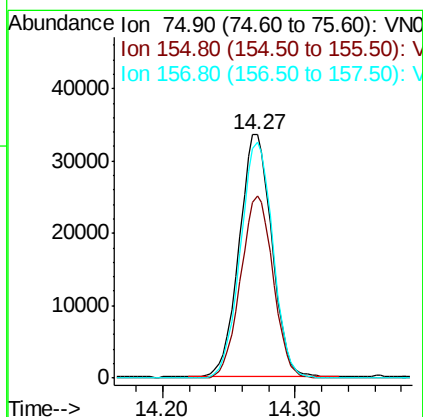
RT: 14.27 min Scan# 3887

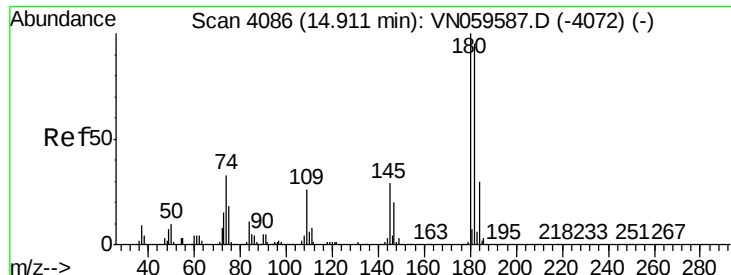
Delta R.T. 0.00 min

Lab File: VN059594.D

Acq: 13 Dec 2019 19:18

Tgt Ion:	75	Resp:	57271
Ion Ratio	Lower	Upper	
75	100		
155	74.6	37.0	110.9
157	96.8	48.4	145.2





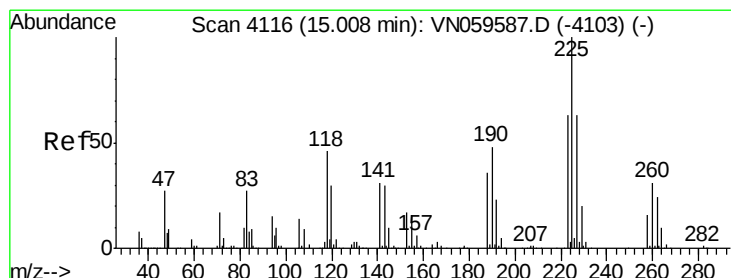
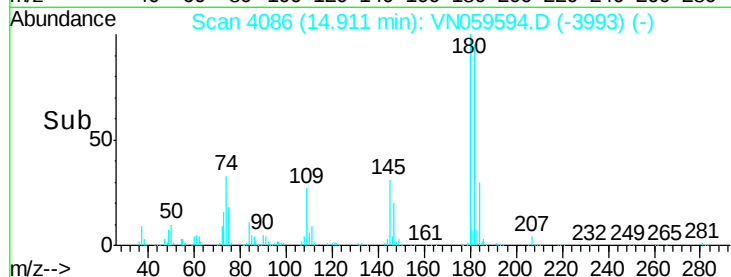
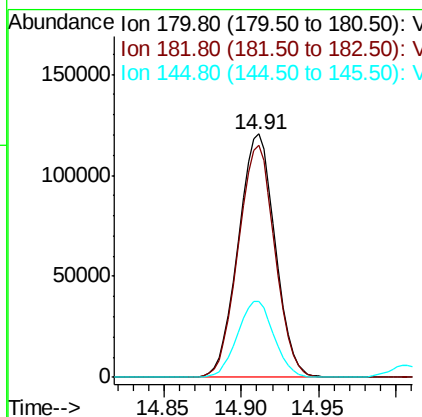
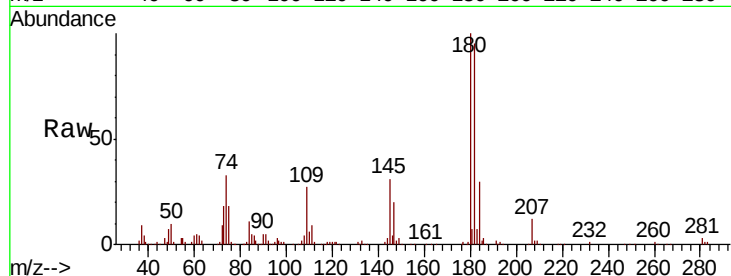
#93
 1,2,4-Trichlorobenzene
 Concen: 45.272 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	200039		
182	94.8	46.9	140.7	
145	31.0	15.0	45.1	

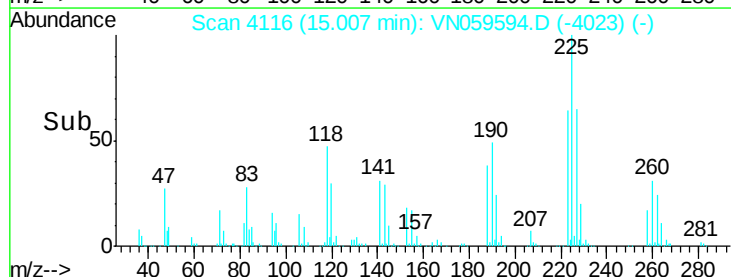
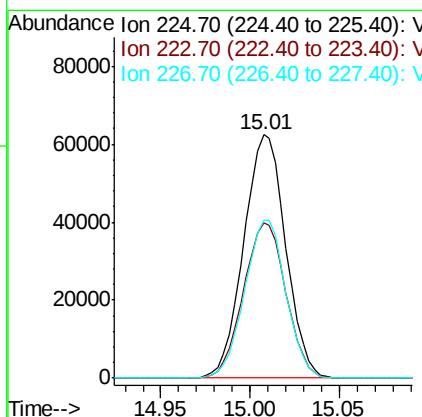
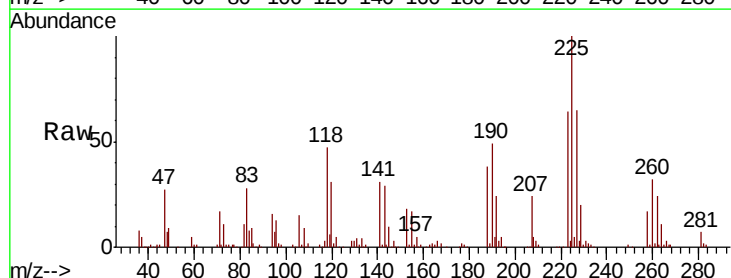
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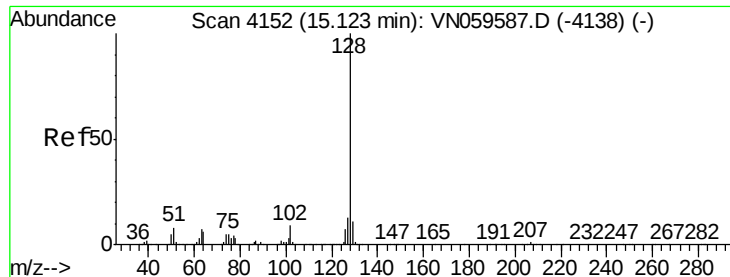
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#94
 Hexachlorobutadiene
 Concen: 44.263 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059594.D
 Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102314		
223	64.6	31.8	95.3	
227	63.9	32.1	96.5	





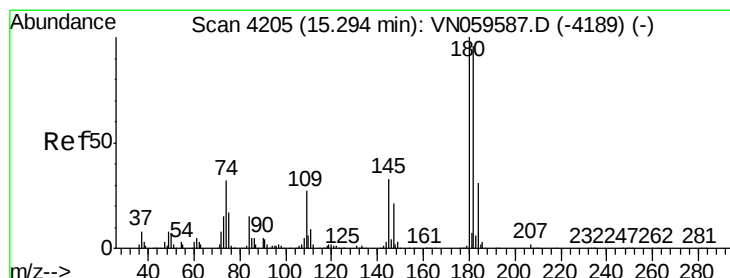
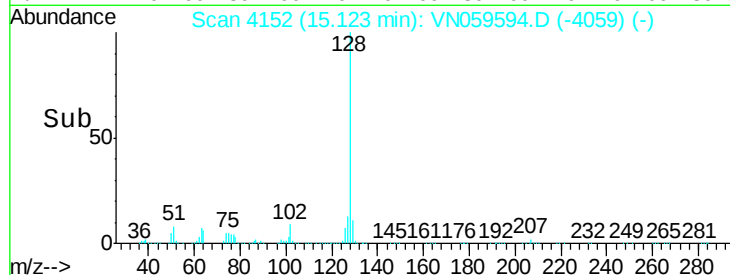
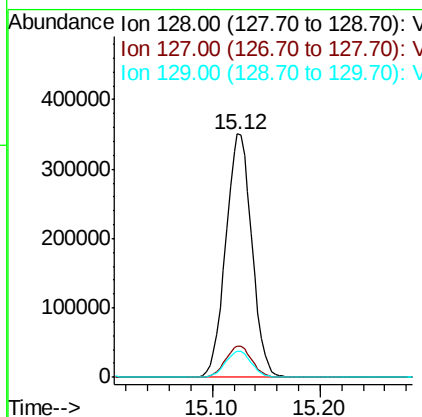
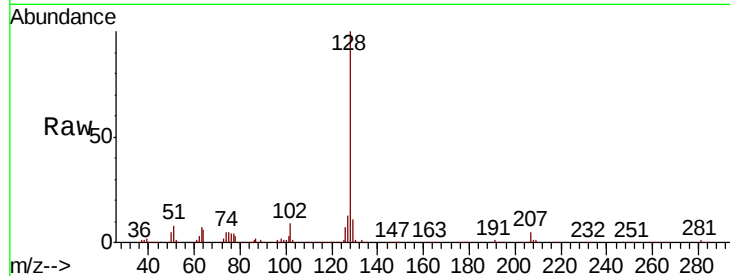
#95
Naphthalene
Concen: 44.670 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121319

Tot Ion	Ratio	Resp	Lower	Upper
128	100	589237		
127	12.9		10.4	15.6
129	10.7		8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 42.731 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059594.D
Acq: 13 Dec 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190965		
182	94.3		47.4	142.3
145	32.4		16.3	48.9

