

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059588.D
 Acq On : 13 Dec 2019 17:06
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 12/16/2019 12:48:59 PM

Quant Time: Dec 13 23:03:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	252034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	404538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	377103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	340515	94.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	188.14%	
35) Dibromofluoromethane	7.57	113	242464	98.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	197.42%	
50) Toluene-d8	10.08	98	959118	94.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	189.92%	
62) 4-Bromofluorobenzene	12.40	95	361702	99.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	198.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	356930	119.110	ug/l	100
3) Chloromethane	2.04	50	563682	122.849	ug/l	100
4) Vinyl Chloride	2.17	62	530420	118.492	ug/l	98
5) Bromomethane	2.52	94	289201	105.708	ug/l	97
6) Chloroethane	2.67	64	309412	116.514	ug/l	100
7) Trichlorofluoromethane	2.99	101	584479	109.654	ug/l	99
8) Diethyl Ether	3.38	74	194687	107.387	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	304121	110.555	ug/l	100
10) Methyl Iodide	3.92	142	423744	112.708	ug/l	99
11) Tert butyl alcohol	4.75	59	394806	645.755	ug/l	100
12) 1,1-Dichloroethene	3.71	96	292808	108.878	ug/l	95
13) Acrolein	3.58	56	250043	717.326	ug/l	97
14) Allyl chloride	4.29	41	598502	116.017	ug/l	99
15) Acrylonitrile	4.95	53	961890	610.641	ug/l	100
16) Acetone	3.79	43	1204676	677.097	ug/l	100
17) Carbon Disulfide	4.02	76	919801	93.132	ug/l	100
18) Methyl Acetate	4.29	43	508350	114.766	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1087889	121.813	ug/l	99
20) Methylene Chloride	4.52	84	341270	100.141	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	326112	113.357	ug/l	99
22) Diisopropyl ether	5.92	45	1181376	120.347	ug/l	97
23) Vinyl Acetate	5.86	43	4738592	582.813	ug/l	99
24) 1,1-Dichloroethane	5.82	63	641463	114.963	ug/l	99
25) 2-Butanone	6.81	43	1553433	673.117	ug/l	99
26) 2,2-Dichloropropane	6.80	77	580635	115.102	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	371985	114.799	ug/l	98
28) Bromochloromethane	7.17	49	263663	145.103	ug/l	100
29) Tetrahydrofuran	7.18	42	928868	589.888	ug/l	100
30) Chloroform	7.35	83	640499	116.400	ug/l	99
31) Cyclohexane	7.63	56	594428	109.591	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	568545	116.414	ug/l	99
36) 1,1-Dichloropropene	7.77	75	498574	118.291	ug/l	99
37) Ethyl Acetate	6.90	43	577819	131.555	ug/l	100
38) Carbon Tetrachloride	7.75	117	502030	120.521	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	580903	123.010	ug/l	99
40) Benzene	8.02	78	1414835	117.265	ug/l	99
41) Methacrylonitrile	7.15	41	231928m	112.744	ug/l	
42) 1,2-Dichloroethane	8.10	62	543362	120.630	ug/l	100
43) Isopropyl Acetate	8.14	43	930546	127.426	ug/l	99
44) Trichloroethene	8.82	130	366441	119.848	ug/l	100
45) 1,2-Dichloropropane	9.10	63	382541	119.760	ug/l	99
46) Dibromomethane	9.19	93	252667	119.364	ug/l	99
47) Bromodichloromethane	9.39	83	517301	123.192	ug/l	100
48) Methyl methacrylate	9.18	41	430977	134.430	ug/l	98
49) 1,4-Dioxane	9.18	88	128406	2994.384	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	2783496	655.598	ug/l	97
52) Toluene	10.15	92	879916	122.210	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	608037	124.119	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	633573	126.179	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	347565	119.334	ug/l	99
56) Ethyl methacrylate	10.42	69	585289	135.974	ug/l	99
57) 1,3-Dichloropropane	10.70	76	608950	122.370	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	331219	242.980	ug/l	99
59) 2-Hexanone	10.74	43	2276832	707.614	ug/l	98
60) Dibromochloromethane	10.90	129	397379	125.850	ug/l	100
61) 1,2-Dibromoethane	11.00	107	374218	123.595	ug/l	98
64) Tetrachloroethene	10.63	164	394993	134.989	ug/l	98
65) Chlorobenzene	11.43	112	932594	115.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	354802	117.947	ug/l	99
67) Ethyl Benzene	11.51	91	1720303	118.900	ug/l	98
68) m/p-Xylenes	11.62	106	1290339	240.748	ug/l	96
69) o-Xylene	11.94	106	622684	124.429	ug/l	99
70) Styrene	11.96	104	1045850	126.197	ug/l	99
71) Bromoform	12.12	173	295968	126.914	ug/l #	99
73) Isopropylbenzene	12.25	105	1672348	113.077	ug/l	100
74) N-amyl acetate	12.07	43	847452	130.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	529920	107.365	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	525525m	105.567	ug/l	
77) Bromobenzene	12.52	156	395278	108.964	ug/l	98
78) n-propylbenzene	12.59	91	1983616	110.334	ug/l	99
79) 2-Chlorotoluene	12.67	91	1176078	109.594	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1432576	114.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	222079	117.824	ug/l	100
82) 4-Chlorotoluene	12.77	91	1227360	112.285	ug/l	100
83) tert-Butylbenzene	12.99	119	1201359	115.333	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1443818	116.978	ug/l	99
85) sec-Butylbenzene	13.17	105	1635471	114.610	ug/l	100
86) p-Isopropyltoluene	13.29	119	1504154	118.137	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	743979	111.911	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	734119	113.021	ug/l	99
89) n-Butylbenzene	13.62	91	1422473	118.524	ug/l	99
90) Hexachloroethane	13.87	117	282147	119.916	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	718208	114.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	134041	107.101	ug/l	98

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	477092	112.007	ug/l	99
94) Hexachlorobutadiene	15.01	225	229605	106.772	ug/l	100
95) Naphthalene	15.12	128	1451447	115.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	457002	104.394	ug/l	99

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

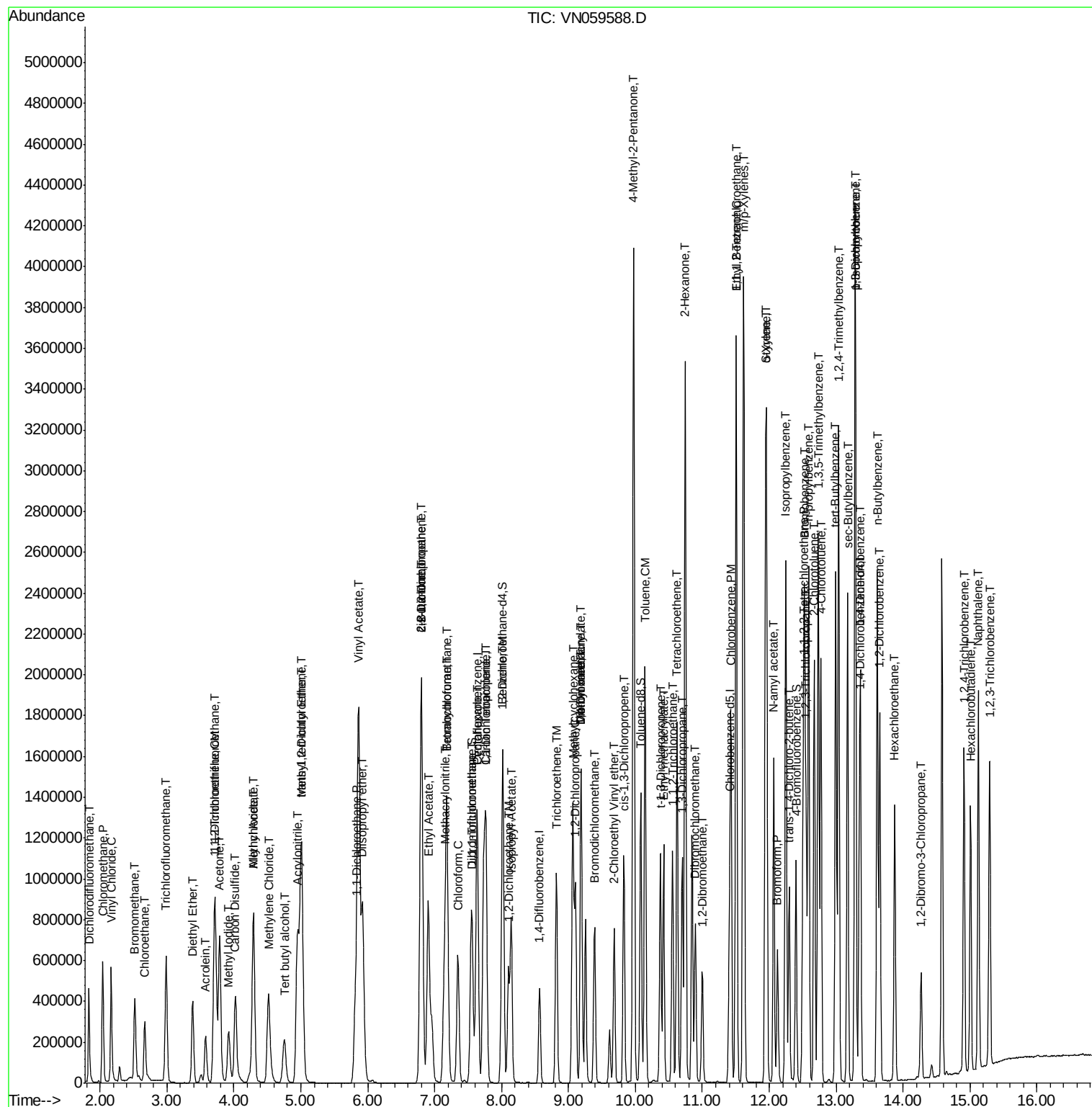
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Data File : VN059588.D
Acq On : 13 Dec 2019 17:06
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

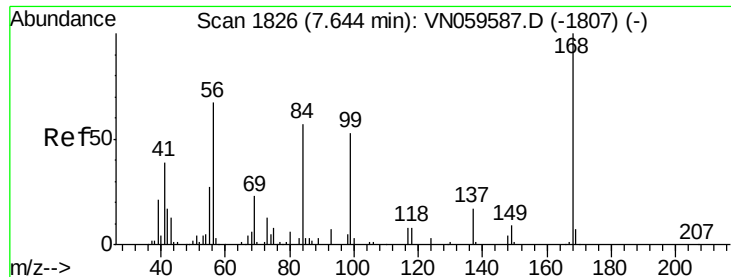
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
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Quant Time: Dec 13 23:03:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:23:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 252034

Ion Ratio Lower Upper

168 100

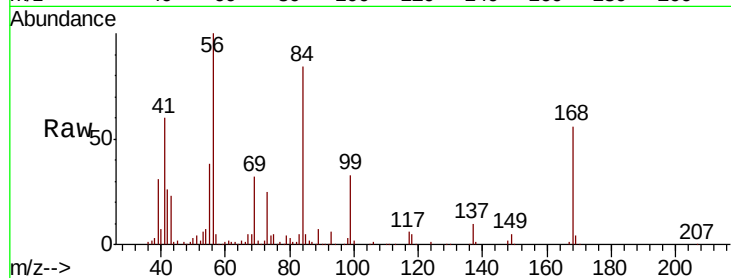
99 60.2 48.2 72.4

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

150000

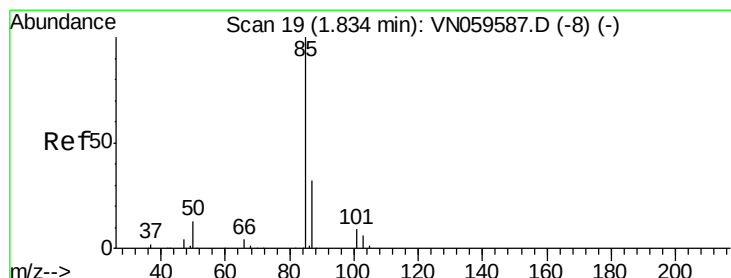
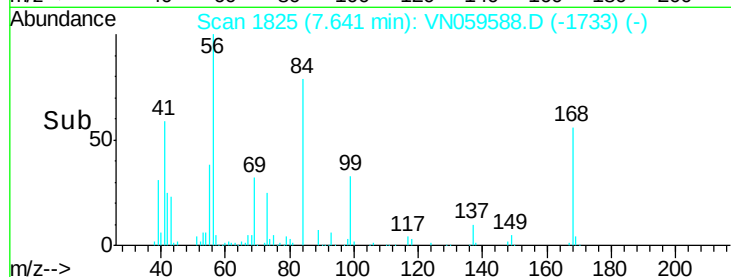
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 119.110 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059588.D

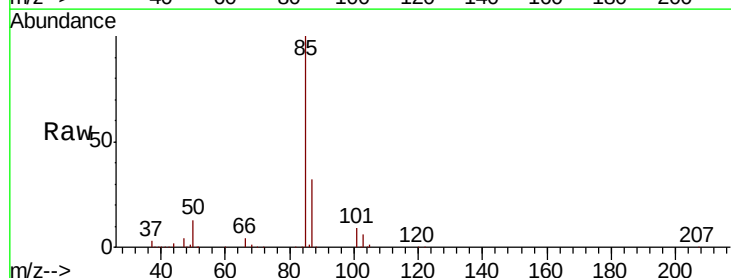
Acq: 13 Dec 2019 17:06

Tgt Ion: 85 Resp: 356930

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

250000

200000

150000

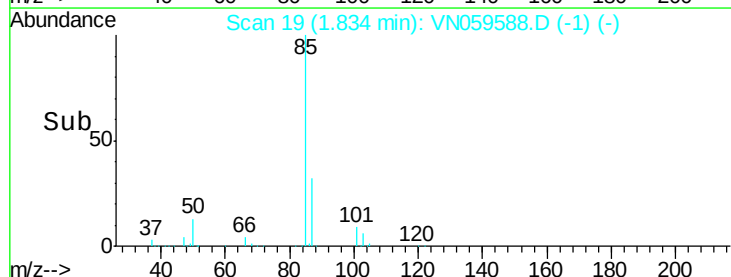
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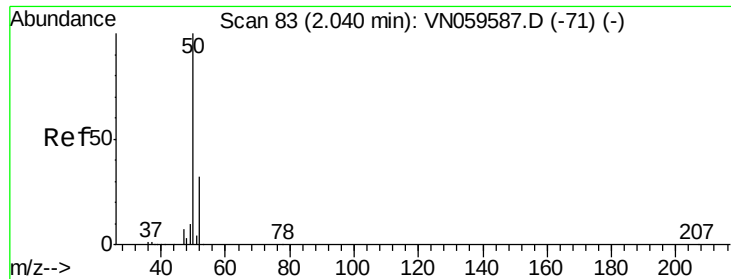
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 122.849 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 563682

Ion Ratio Lower Upper

50 100

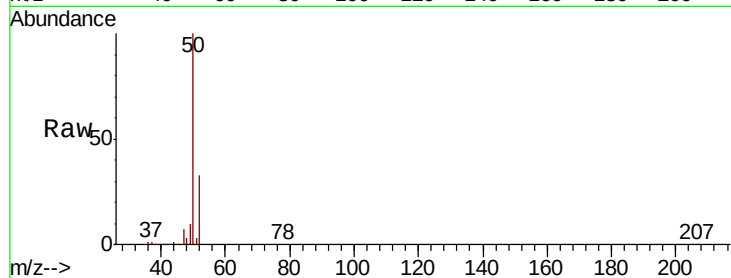
52 32.5 25.9 38.9

Manual Integrations

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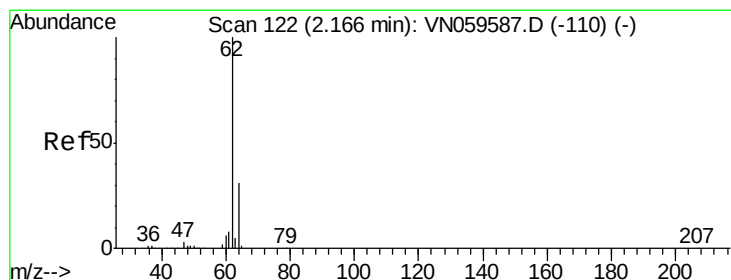
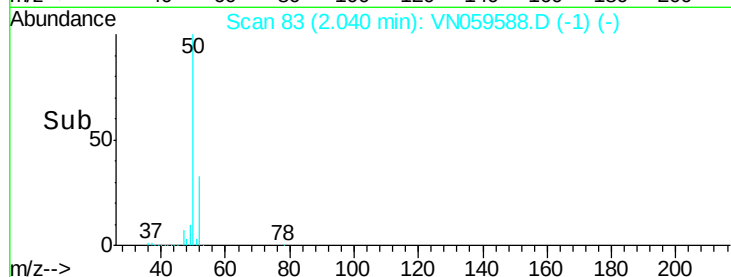
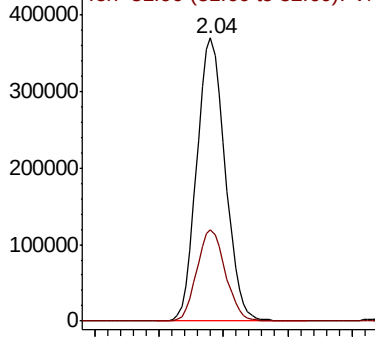
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 118.492 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059588.D

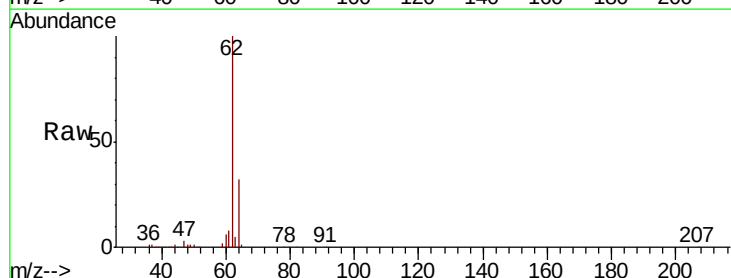
Acq: 13 Dec 2019 17:06

Tgt Ion: 62 Resp: 530420

Ion Ratio Lower Upper

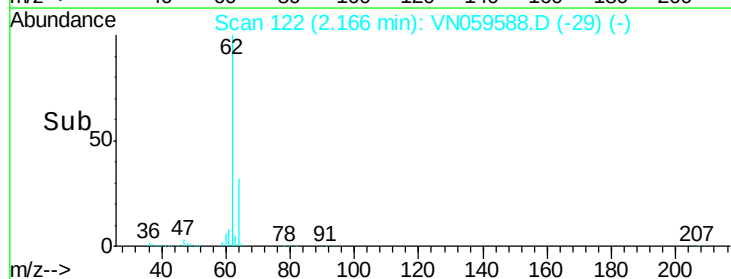
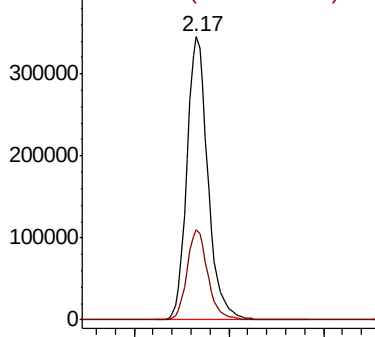
62 100

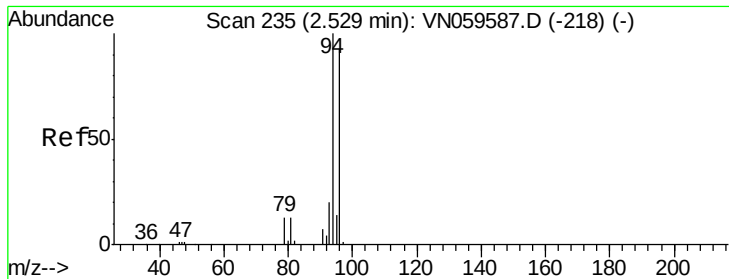
64 31.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 105.708 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 289201

Ion Ratio Lower Upper

94 100

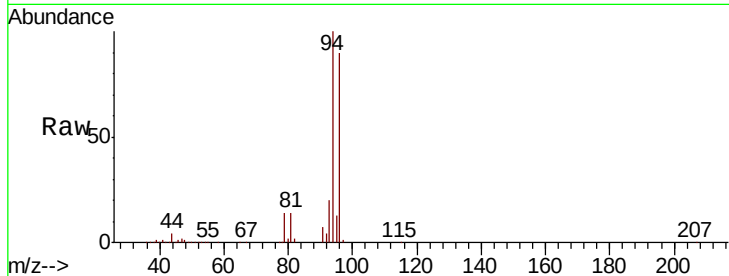
96 90.4 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

150000

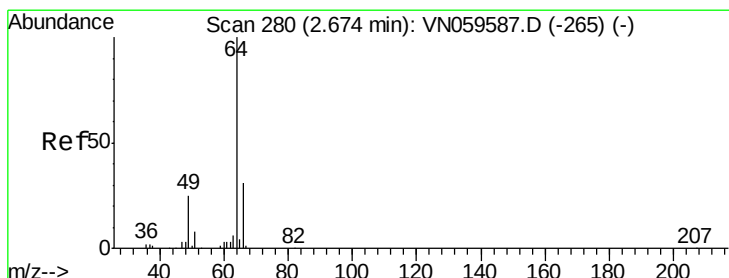
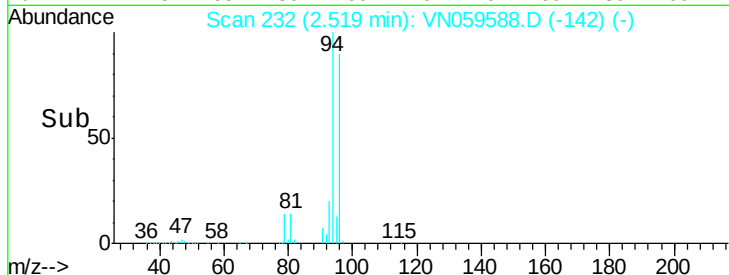
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50000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 116.514 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.01 min

Lab File: VN059588.D

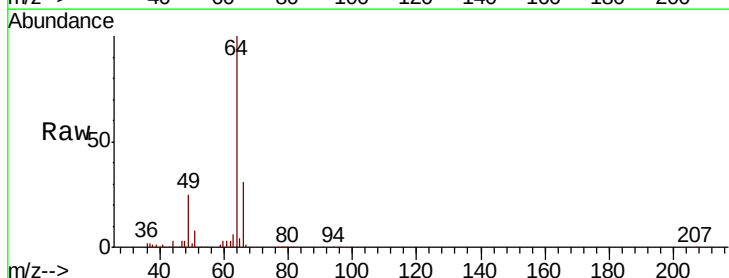
Acq: 13 Dec 2019 17:06

Tgt Ion: 64 Resp: 309412

Ion Ratio Lower Upper

64 100

66 31.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

150000

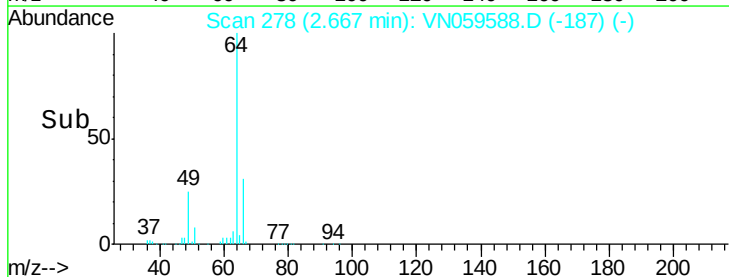
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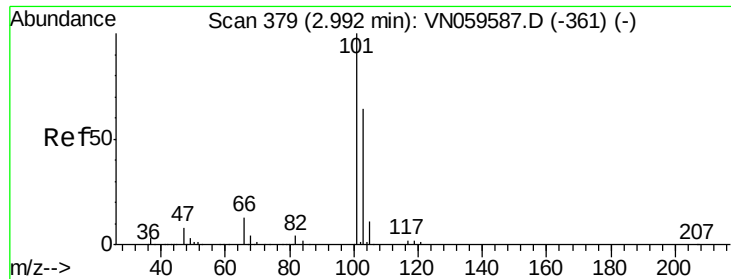
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2.60 2.70 2.80

Time-->





#7

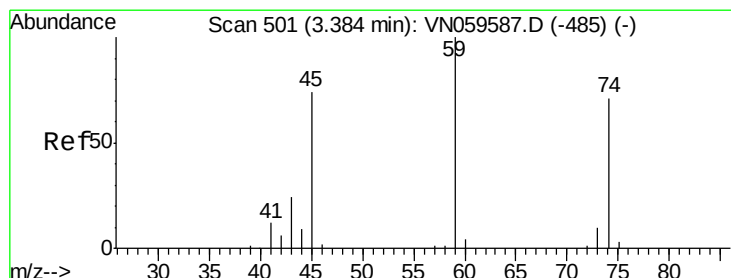
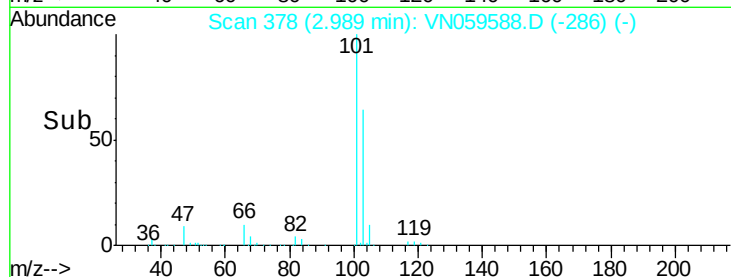
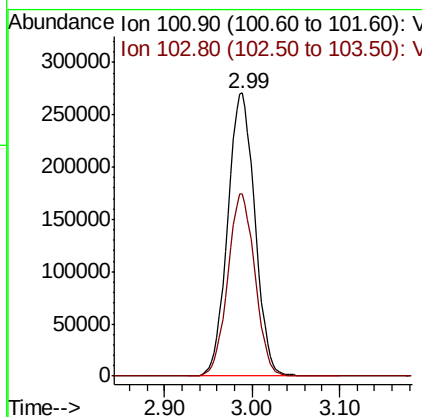
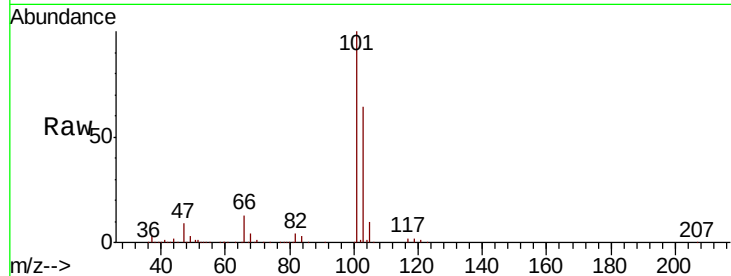
Trichlorofluoromethane
Concen: 109.654 ug/l
RT: 2.99 min Scan# 378
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.0	76.6

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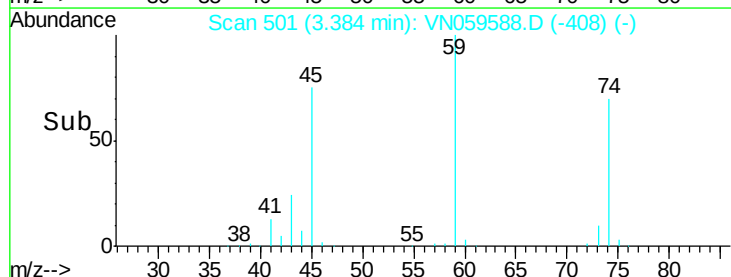
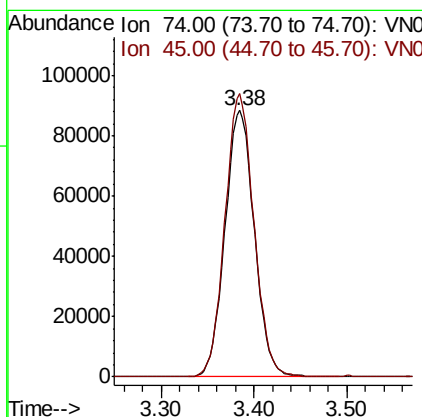
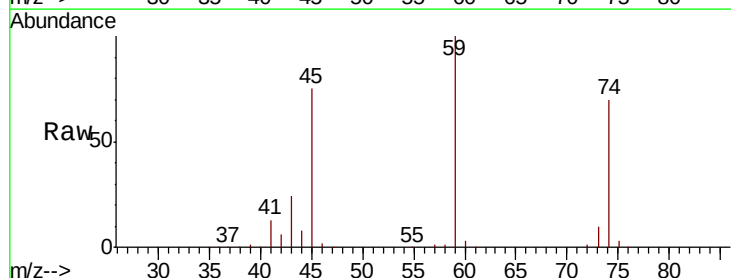
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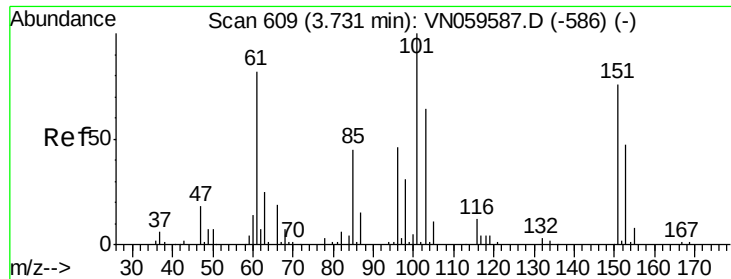


#8

Diethyl Ether
Concen: 107.387 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 110.555 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN059588.D

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Instrument :

MSVOA_N

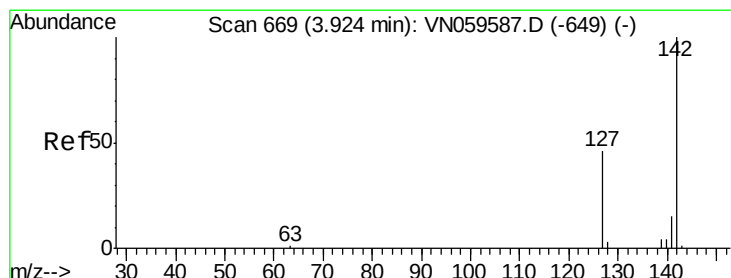
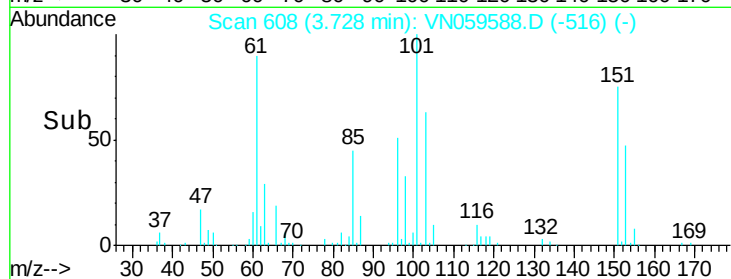
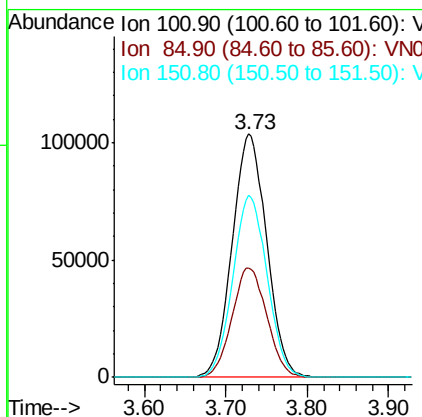
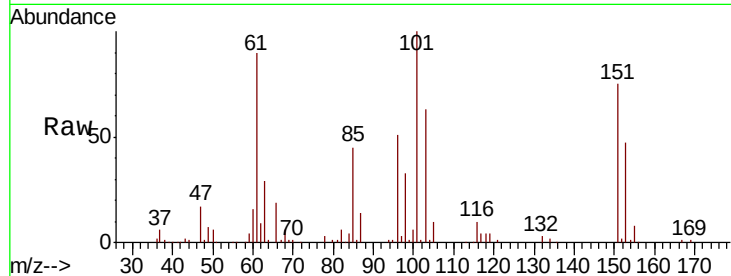
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	304121
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.6	54.8
151	74.6	59.7	89.5

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#10

Methyl Iodide

Concen: 112.708 ug/l

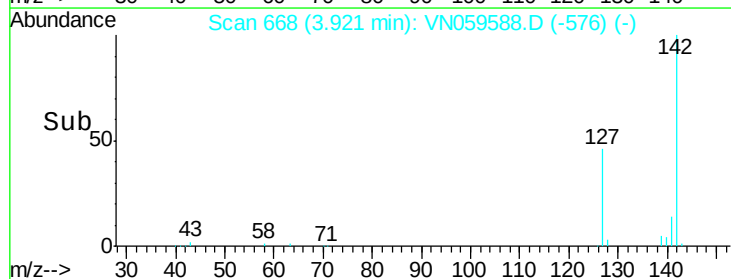
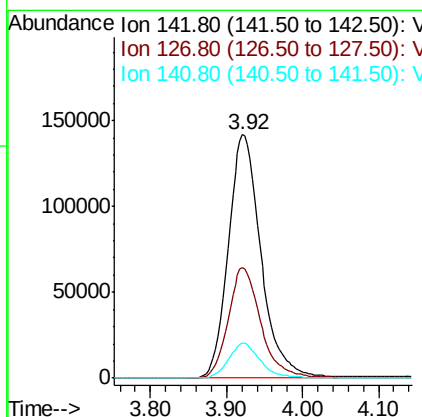
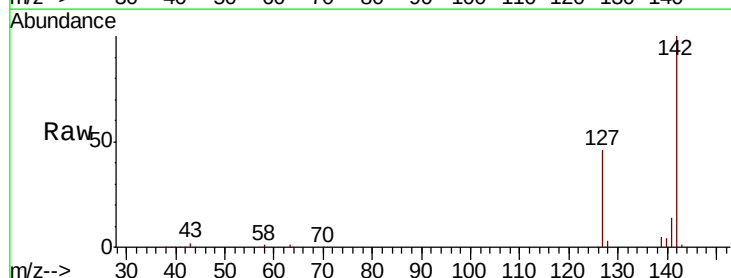
RT: 3.92 min Scan# 668

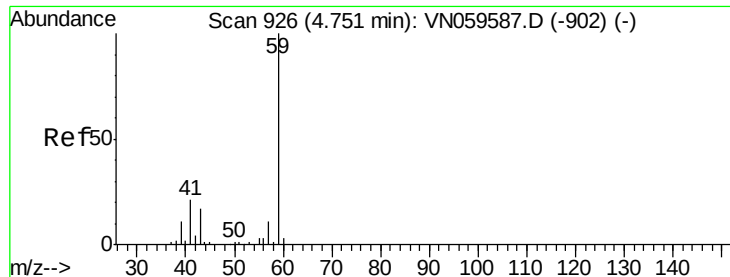
Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Tgt Ion:	142	Resp:	423744
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.7	55.1
141	14.1	11.7	17.5





#11

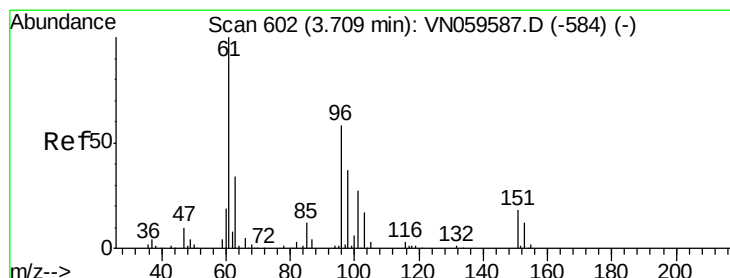
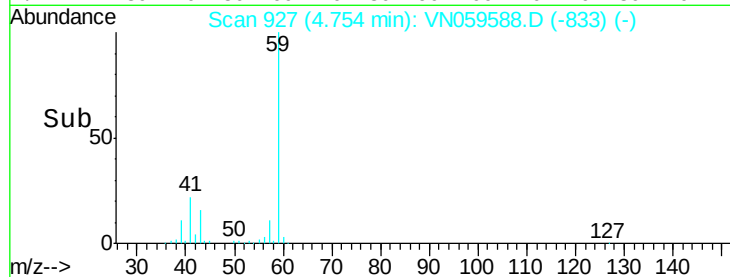
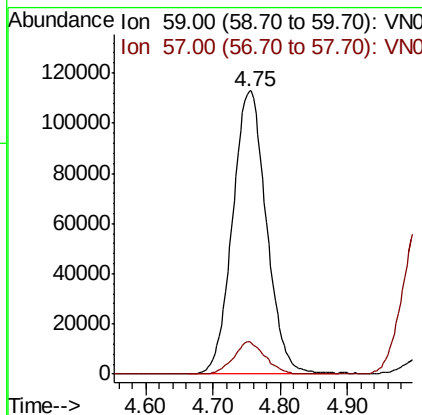
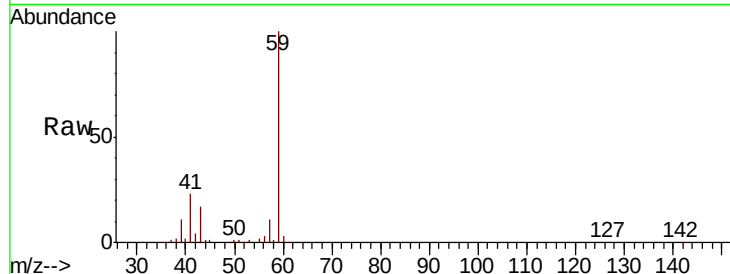
Tert butyl alcohol
Concen: 645.755 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	59	57	Ratio	100	10.7	Resp	394806	Lower	Upper
59	100								
57		10.7						8.6	12.8

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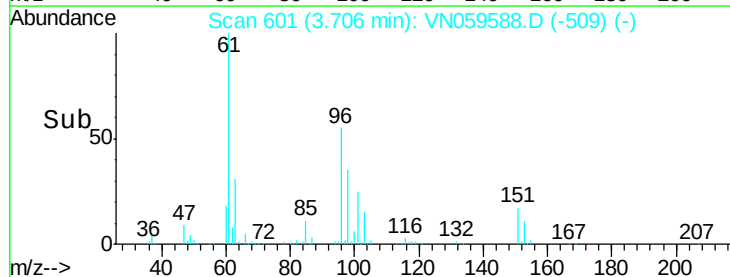
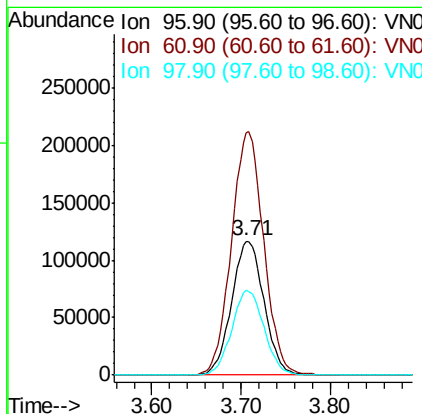
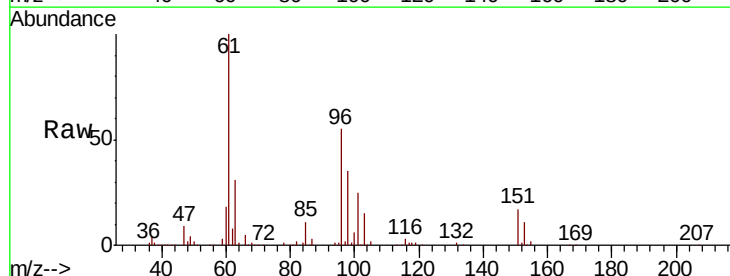
apatel
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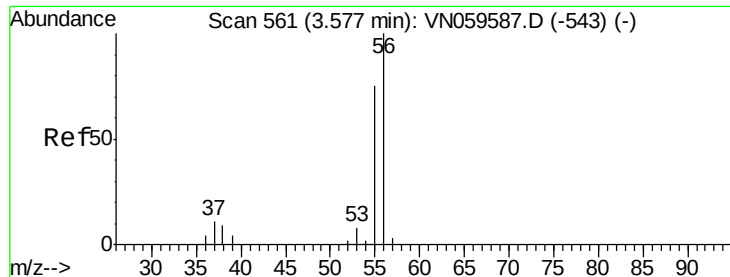


#12

1,1-Dichloroethene
Concen: 108.878 ug/l
RT: 3.71 min Scan# 601
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	96	61	98	Ratio	100	181.6	63.5	Resp	292808	Lower	Upper
96	100										
61		181.6								137.5	206.3
98		63.5								50.2	75.4





#13

Acrolein

Concen: 717.326 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 250043

Ion Ratio Lower Upper

56 100

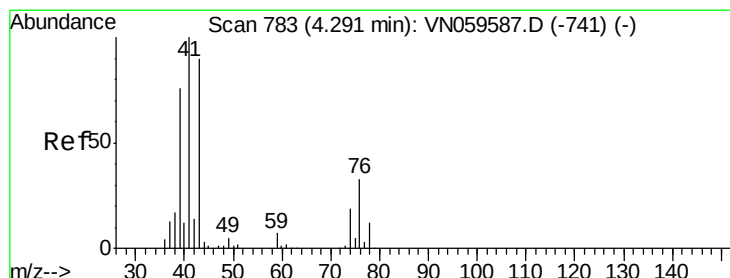
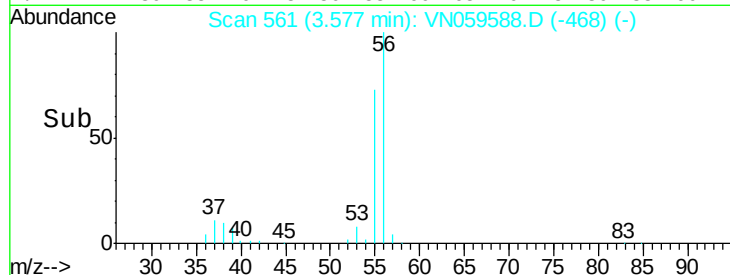
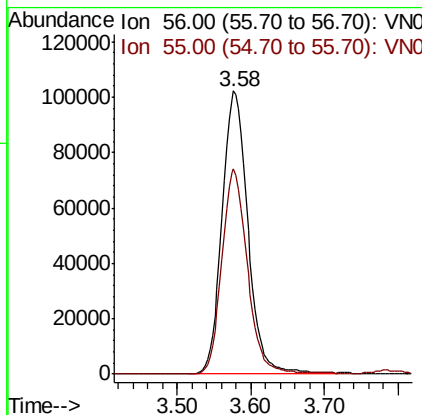
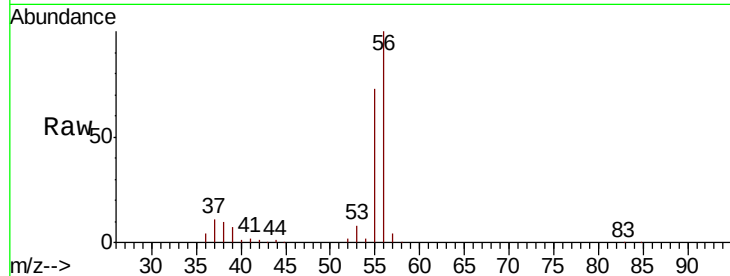
55 70.6 58.6 88.0

Manual Integrations

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#14

Allyl chloride

Concen: 116.017 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

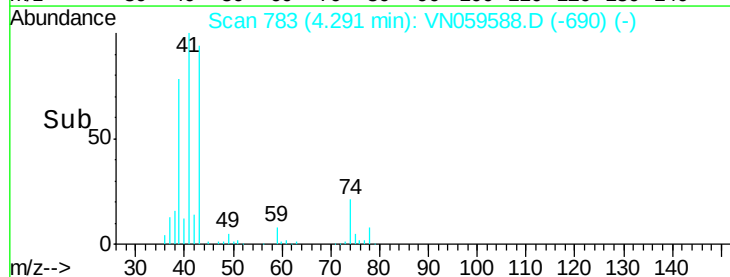
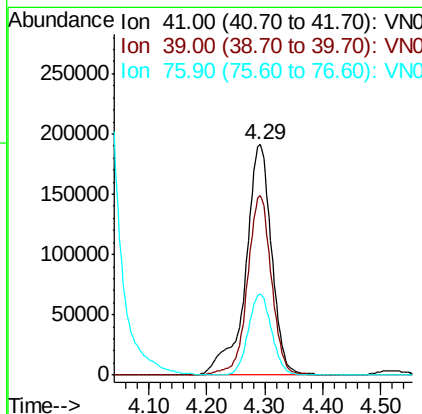
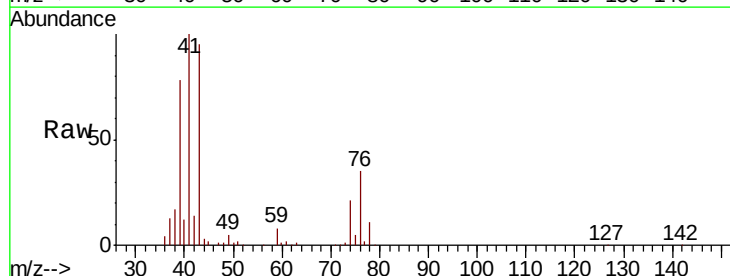
Tgt Ion: 41 Resp: 598502

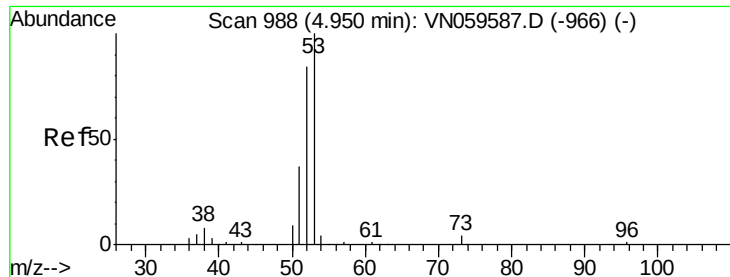
Ion Ratio Lower Upper

41 100

39 71.4 57.8 86.8

76 31.1 25.4 38.0





#15

Acrylonitrile

Concen: 610.641 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

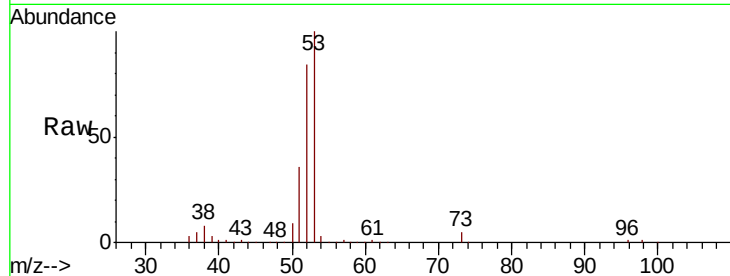
ClientSampleId :

VSTDIC100

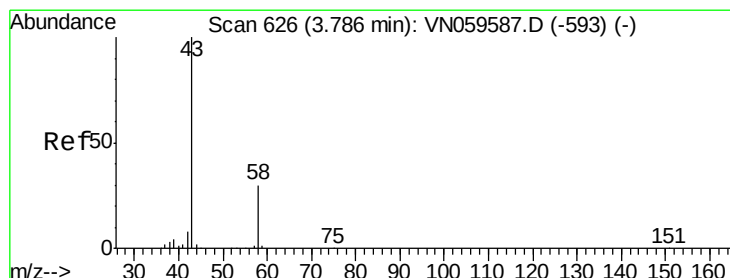
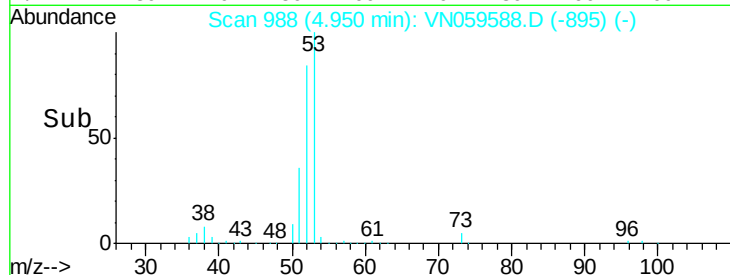
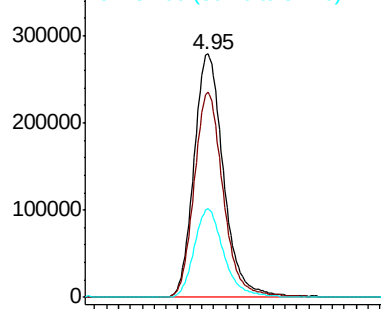
Tot Ion:	53	Resp:	961890
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	36.7	29.7	44.5

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VN059587.D (-966) (-)



#16

Acetone

Concen: 677.097 ug/l

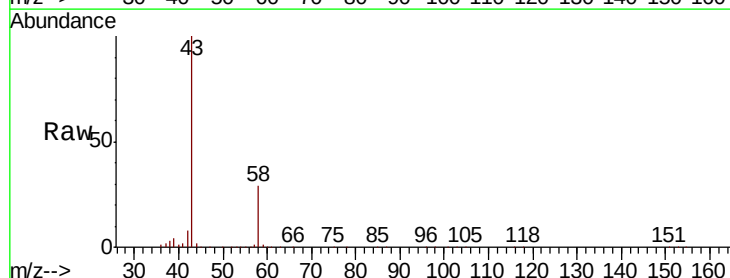
RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

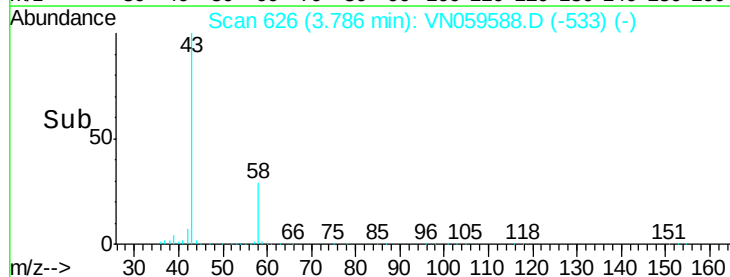
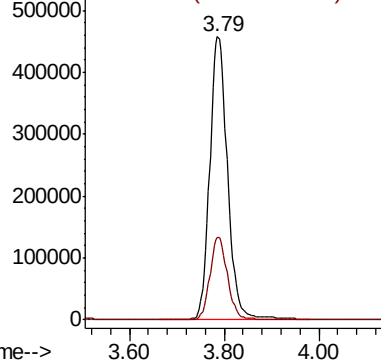
Lab File: VN059588.D

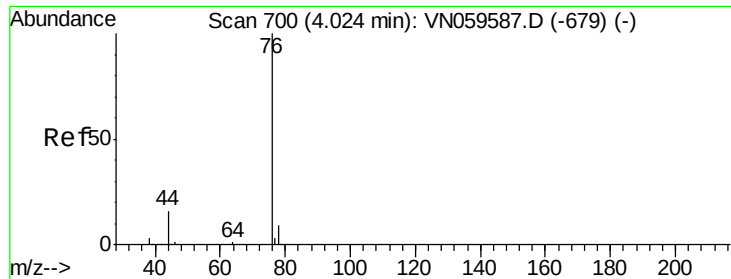
Acq: 13 Dec 2019 17:06

Tgt Ion:	43	Resp:	1204676
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.6	35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)





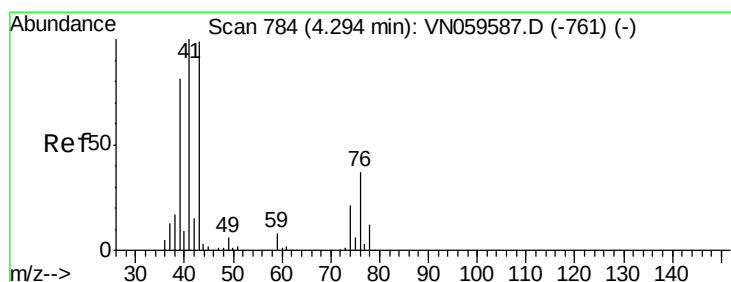
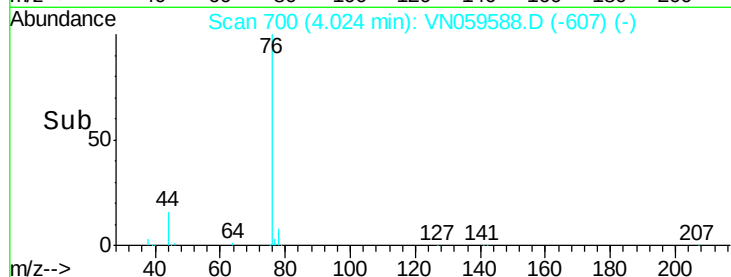
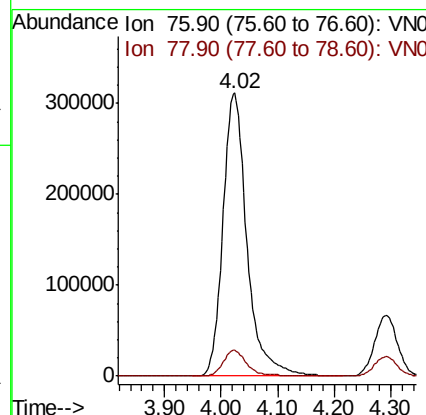
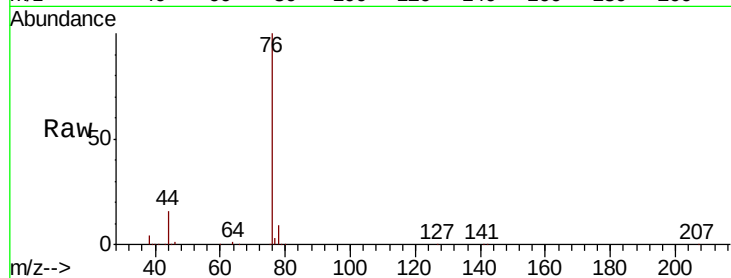
#17
Carbon Disulfide
Concen: 93.132 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

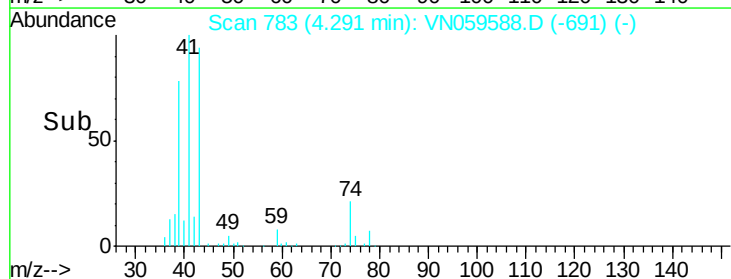
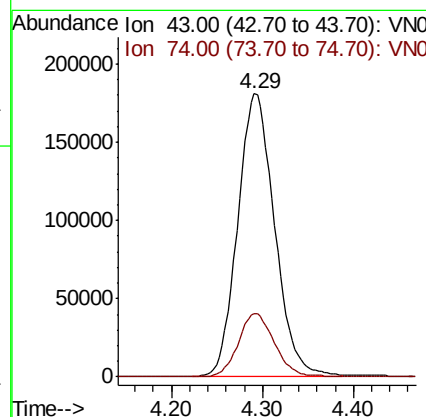
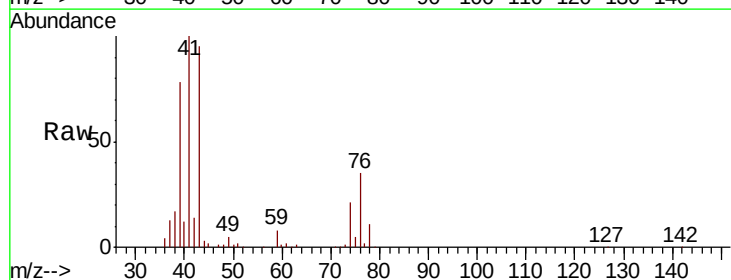
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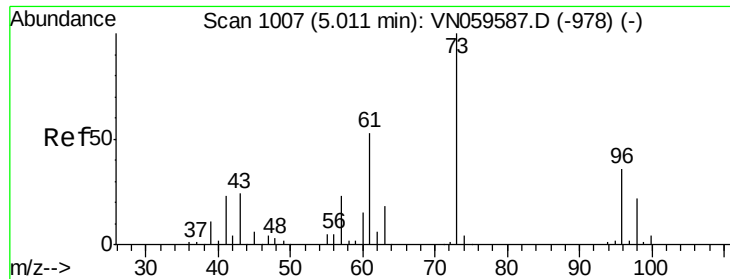
apatel
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#18
Methyl Acetate
Concen: 114.766 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.5	26.3





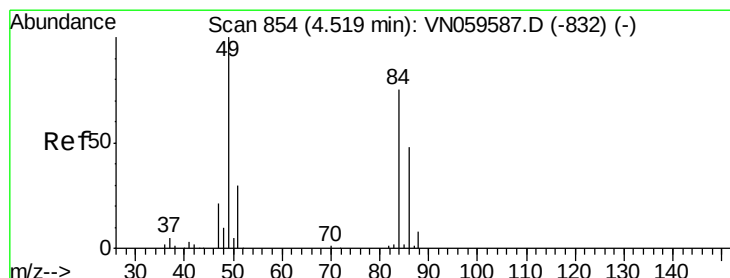
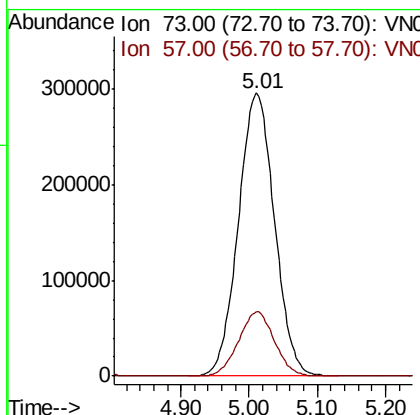
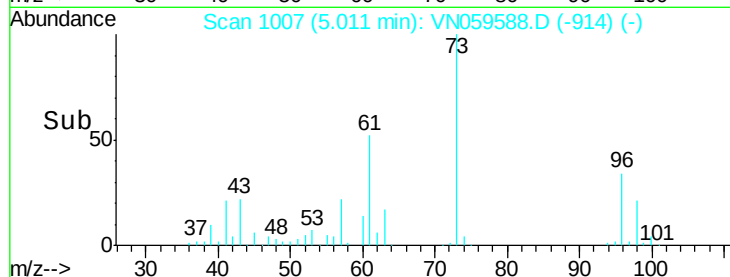
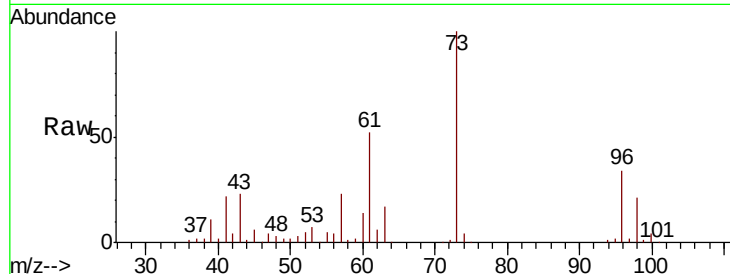
#19
Methyl tert-butyl Ether
Concen: 121.813 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1087889
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8

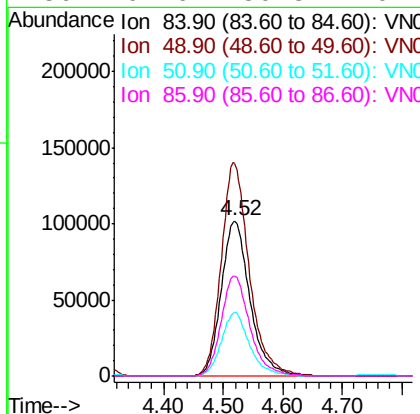
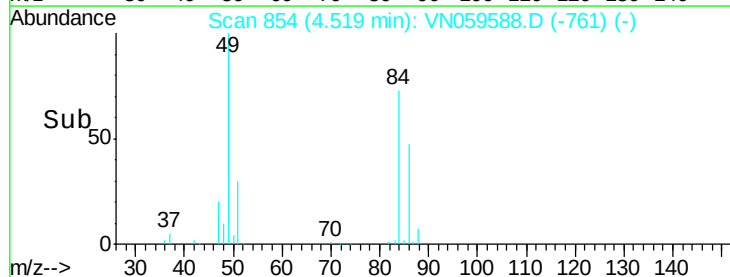
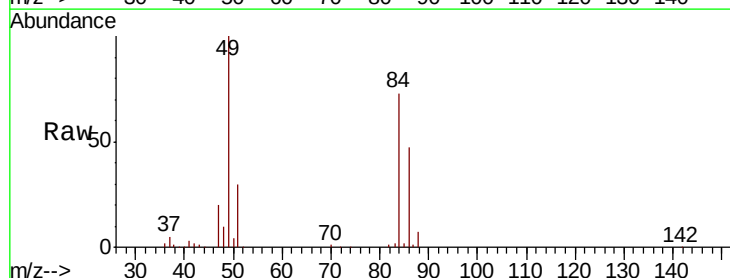
Manual Integrations
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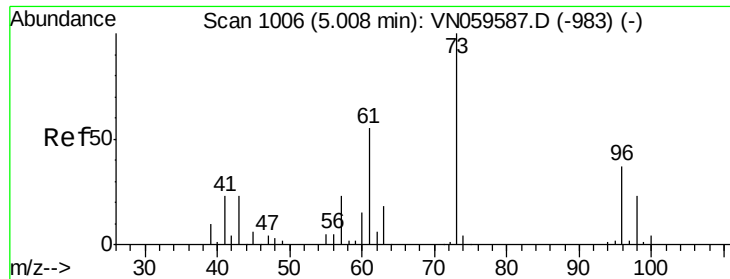
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#20
Methylene Chloride
Concen: 100.141 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion: 84 Resp: 341270
Ion Ratio Lower Upper
84 100
49 136.9 106.6 160.0
51 41.1 31.9 47.9
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 113.357 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 326112

Ion Ratio Lower Upper

96 100

61 152.3 120.4 180.6

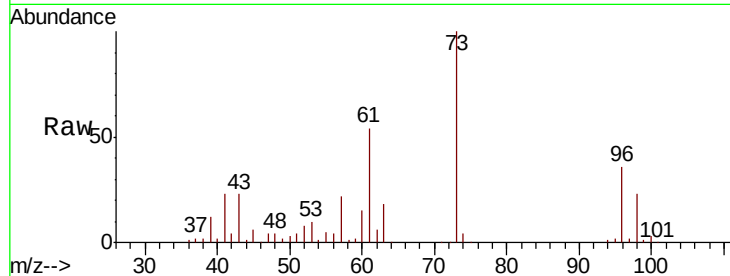
98 63.1 50.6 75.8

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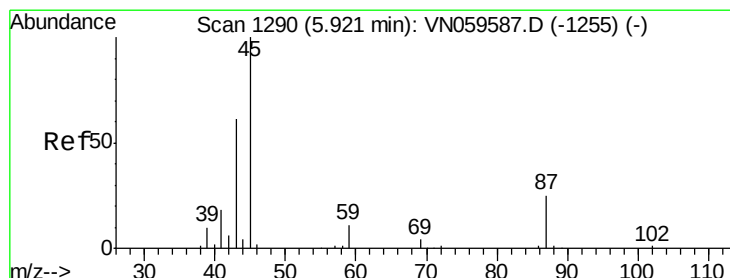
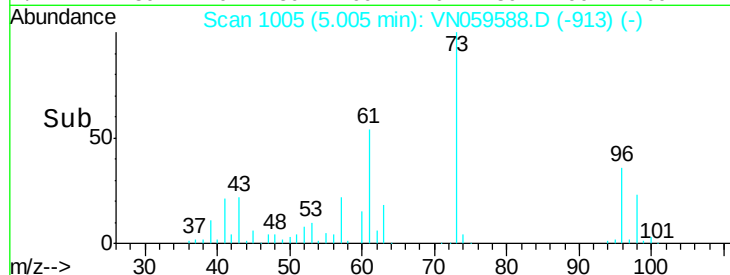
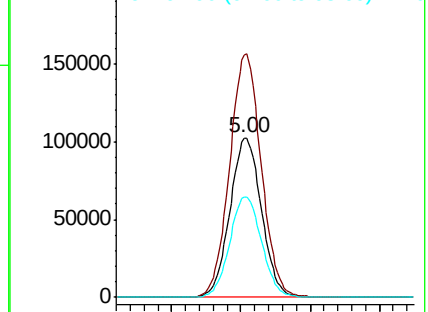


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 120.347 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Tgt Ion: 45 Resp: 1181376

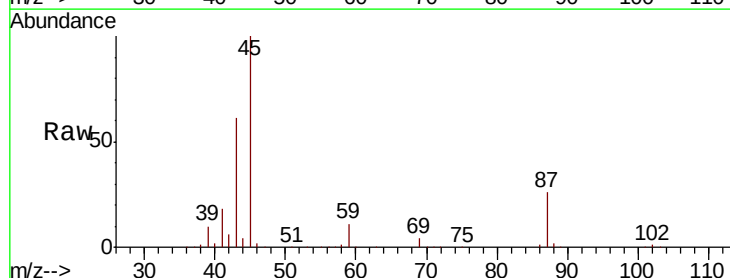
Ion Ratio Lower Upper

45 100

43 59.8 50.8 76.2

87 25.8 21.0 31.6

59 11.2 9.1 13.7



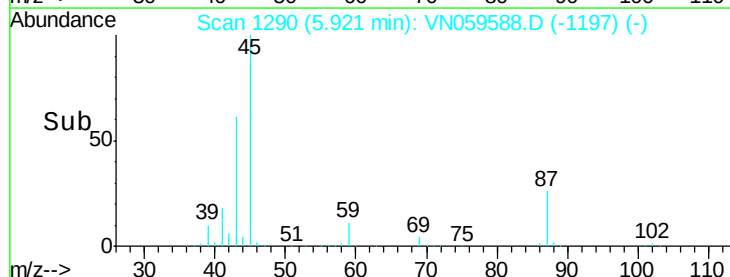
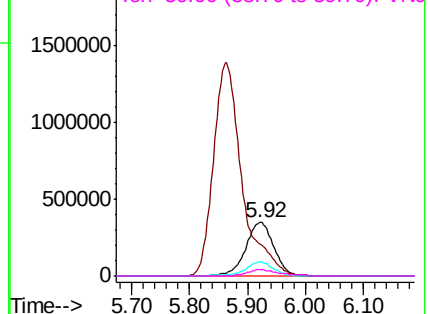
Abundance

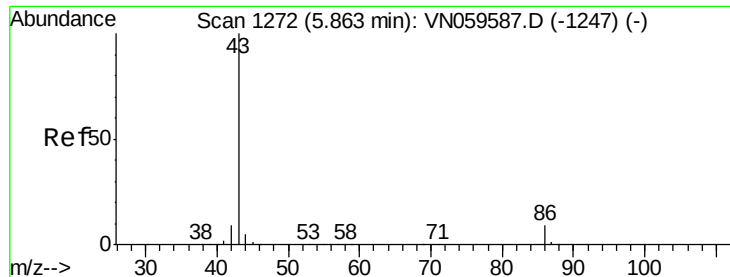
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 582.813 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 4738592

Ion Ratio Lower Upper

43 100

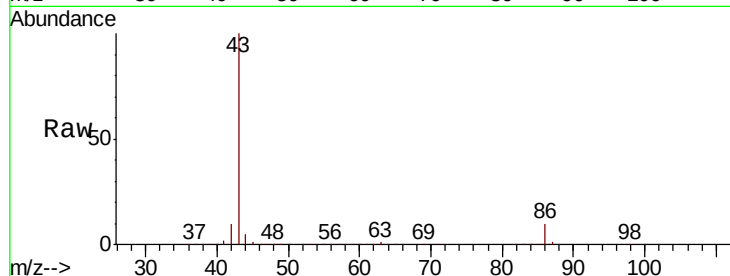
86 9.7 7.6 11.4

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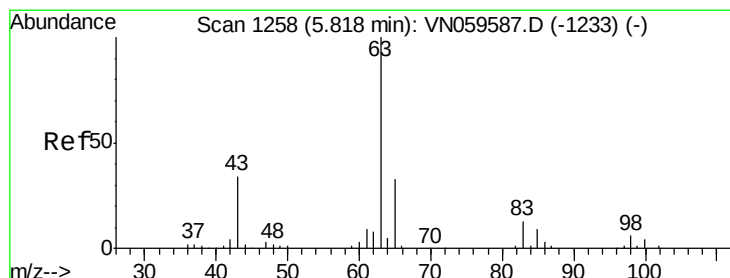
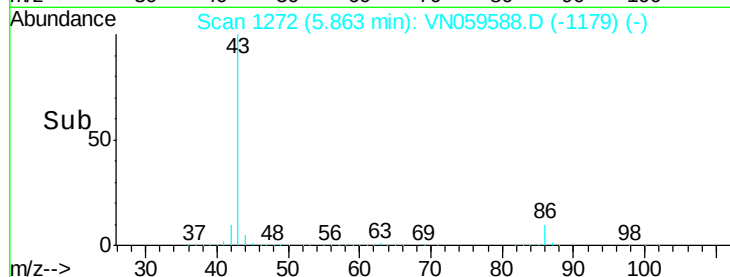
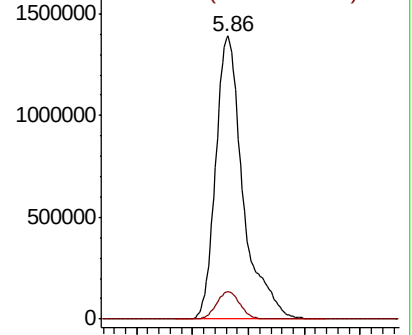
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 114.963 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

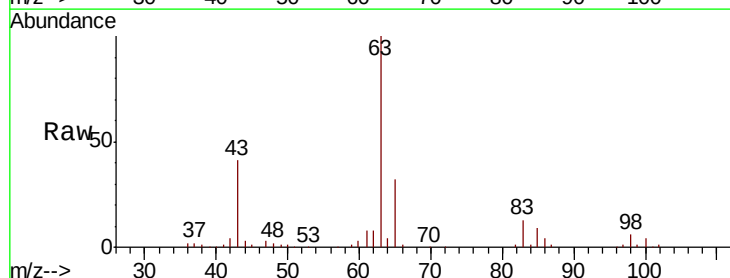
Tgt Ion: 63 Resp: 641463

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.7

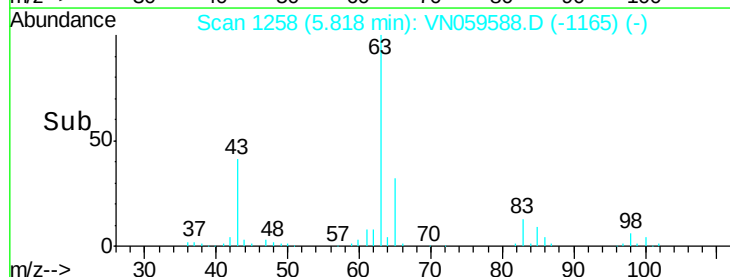
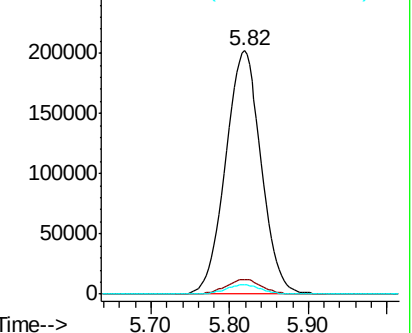
100 3.8 2.0 6.0

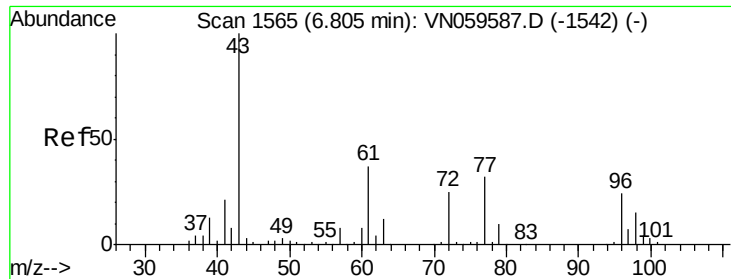


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 673.117 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1553433

Ion Ratio Lower Upper

43 100

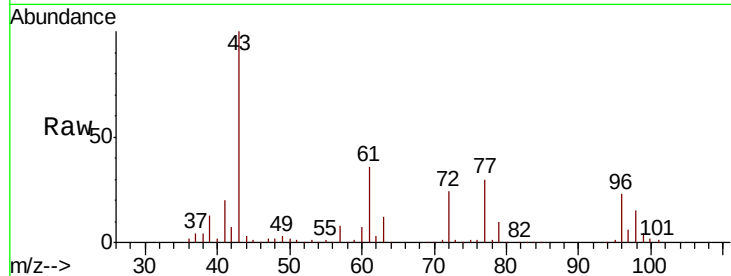
72 24.5 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

600000

500000

400000

300000

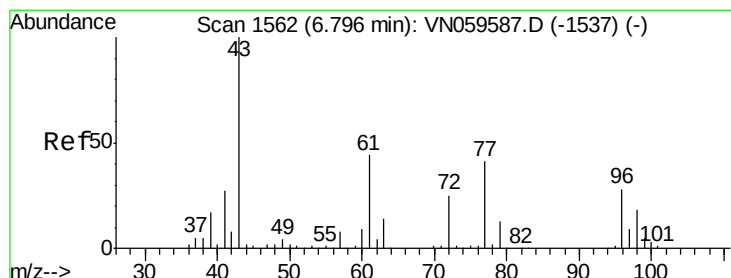
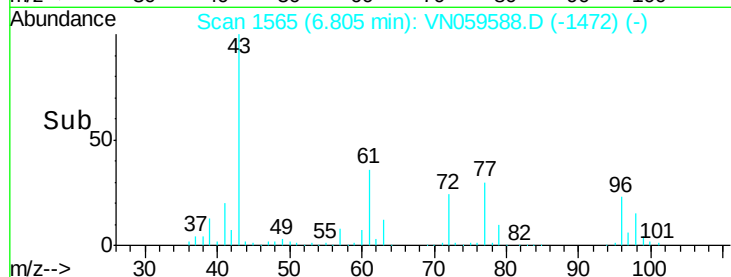
200000

100000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 115.102 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059588.D

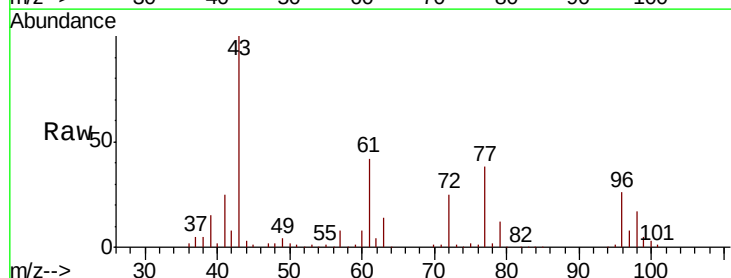
Acq: 13 Dec 2019 17:06

Tgt Ion: 77 Resp: 580635

Ion Ratio Lower Upper

77 100

97 21.2 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

200000

150000

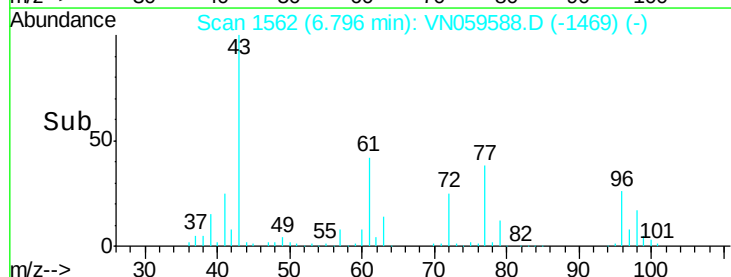
100000

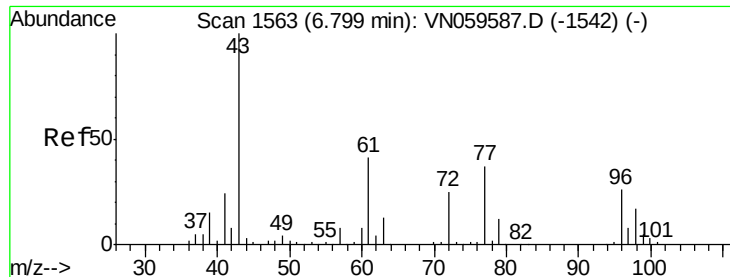
50000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 114.799 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

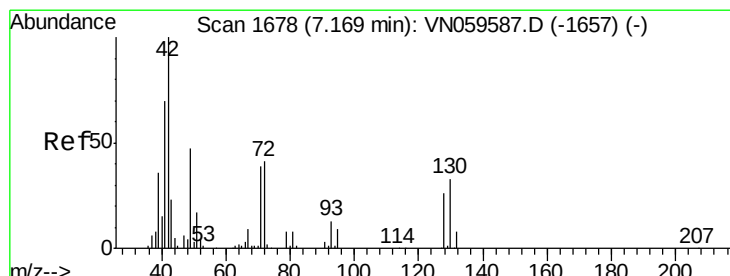
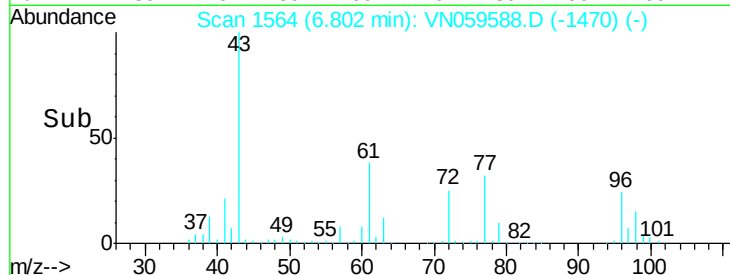
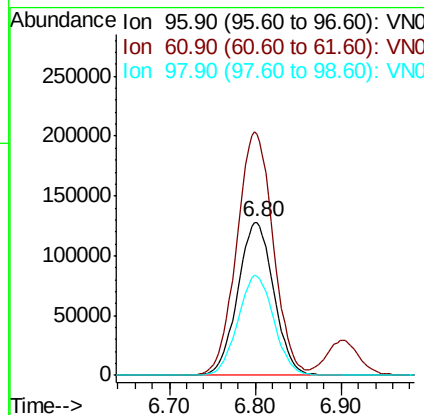
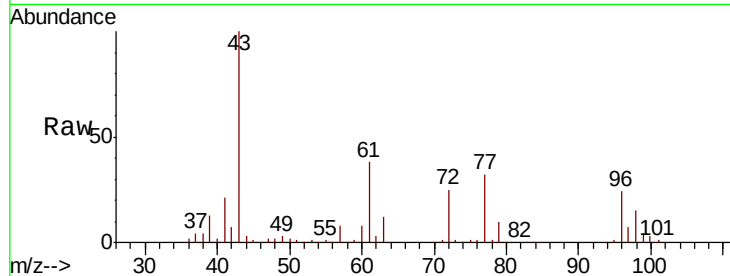
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	371985
Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	317.6
98	65.1	0.0	127.0

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#28

Bromochloromethane

Concen: 145.103 ug/l

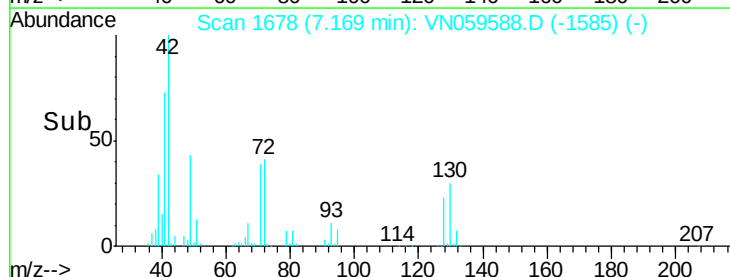
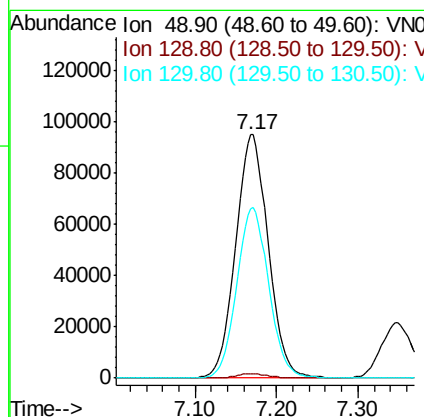
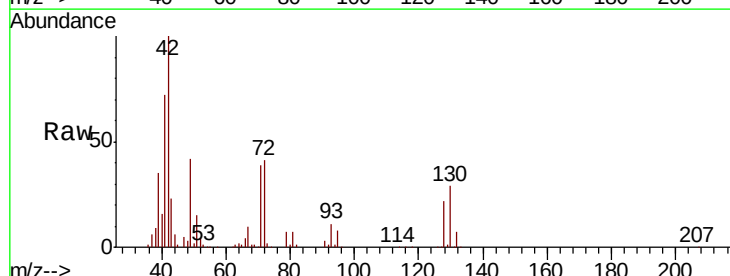
RT: 7.17 min Scan# 1678

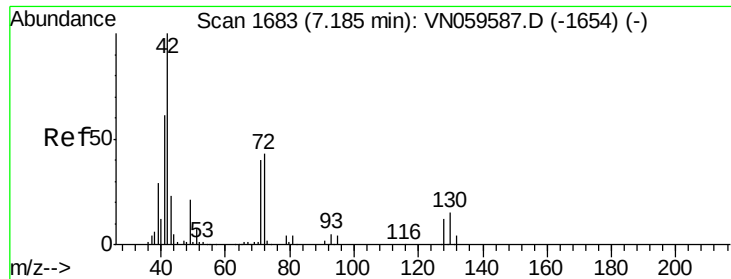
Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Tgt Ion:	49	Resp:	263663
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	68.7	54.7	82.1





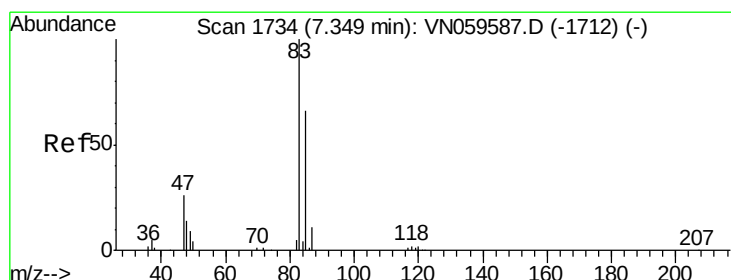
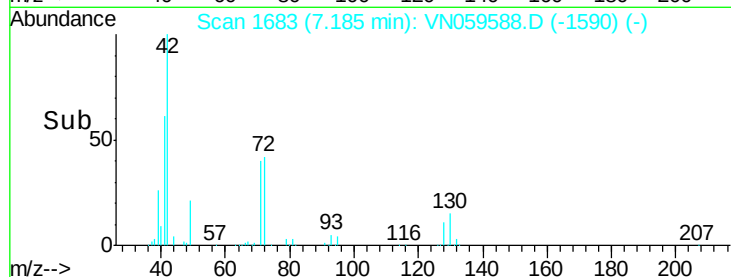
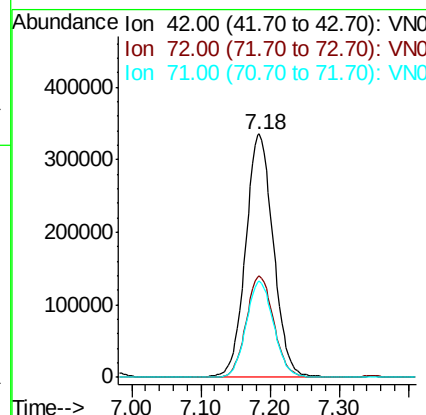
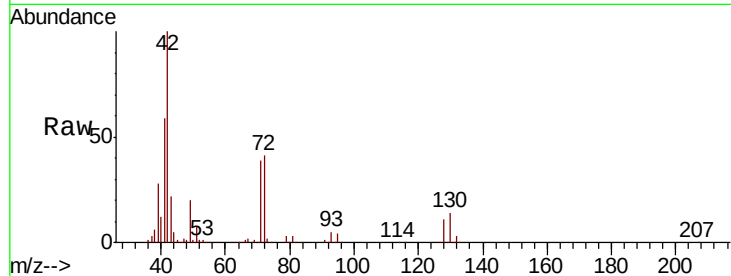
#29
Tetrahydrofuran
Concen: 589.888 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.1	49.7
71	39.4	31.4	47.0

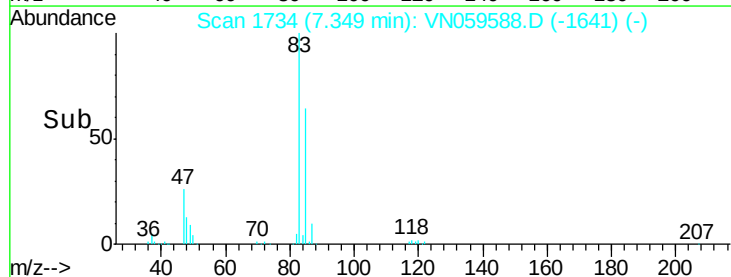
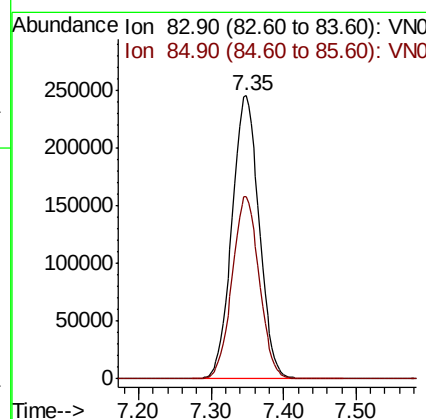
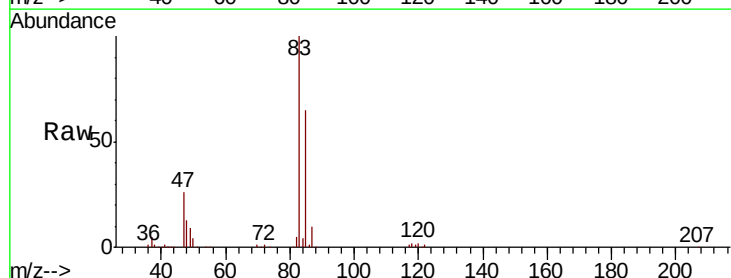
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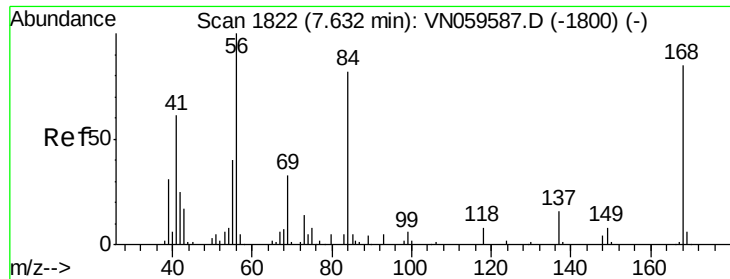
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#30
Chloroform
Concen: 116.400 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6





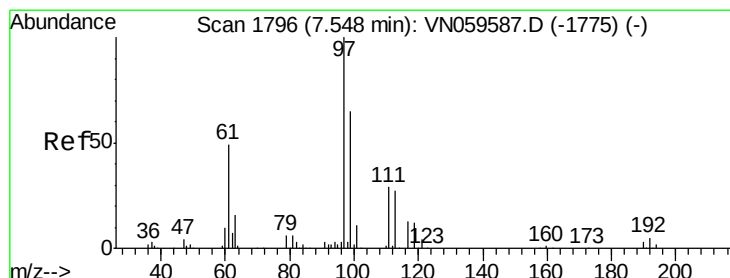
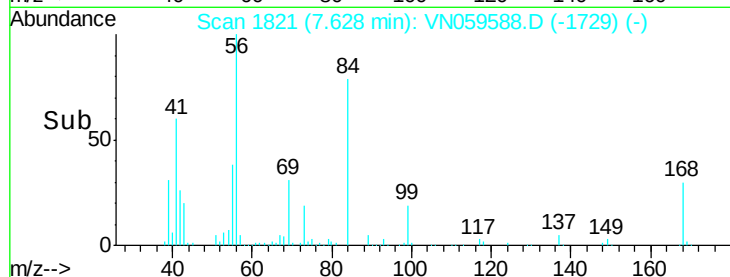
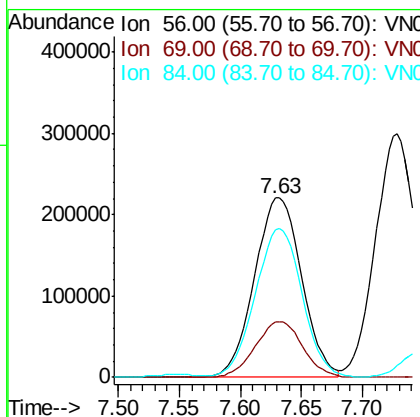
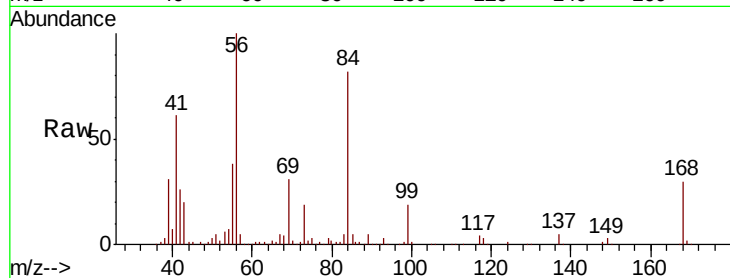
#31
Cyclohexane
Concen: 109.591 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	26.5	39.7
84	80.7	65.3	97.9

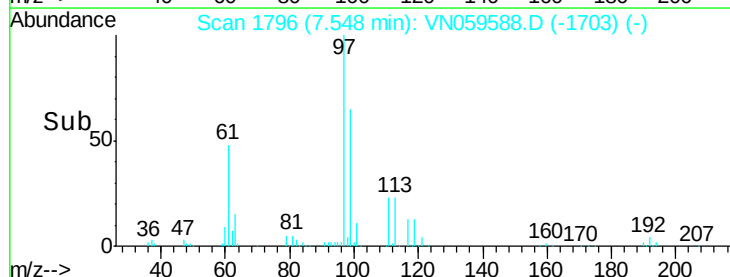
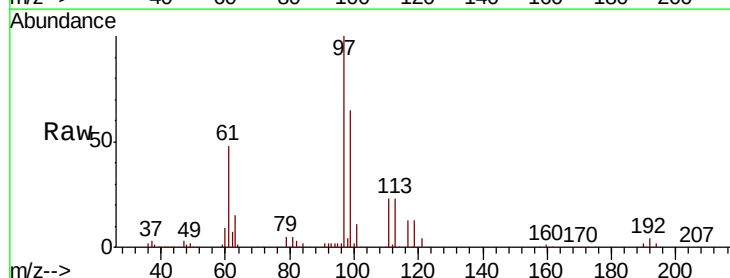
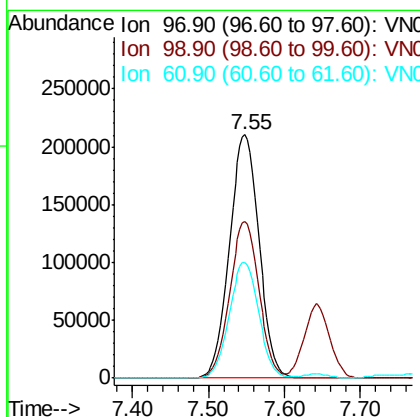
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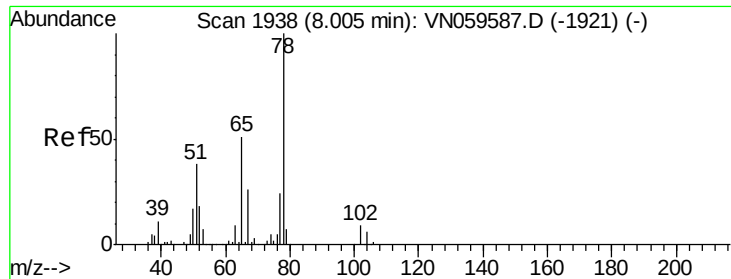
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#32
1,1,1-Trichloroethane
Concen: 116.414 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	47.5	38.5	57.7





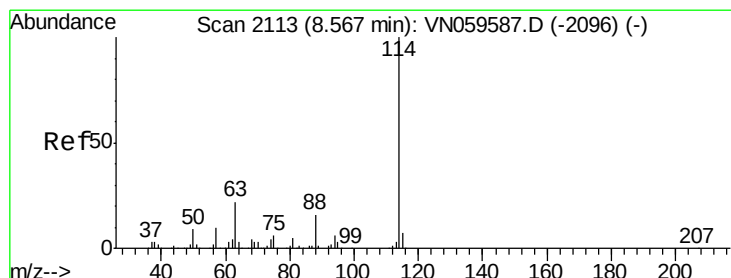
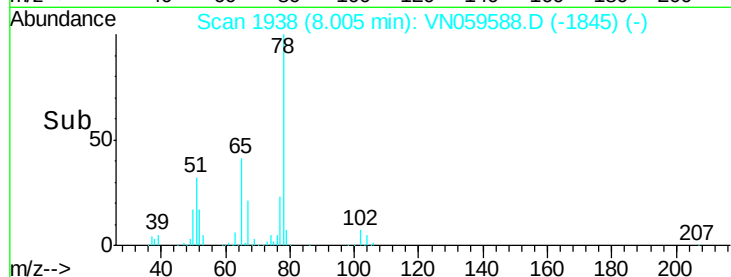
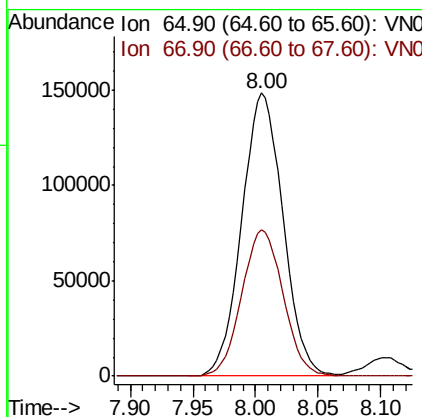
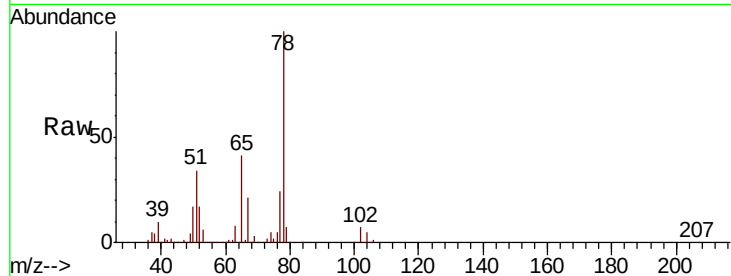
#33
 1,2-Dichloroethane-d4
 Concen: 94.071 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	340515		
67	51.8	0.0	103.0	

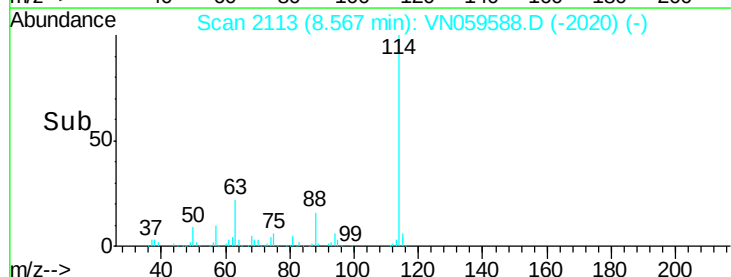
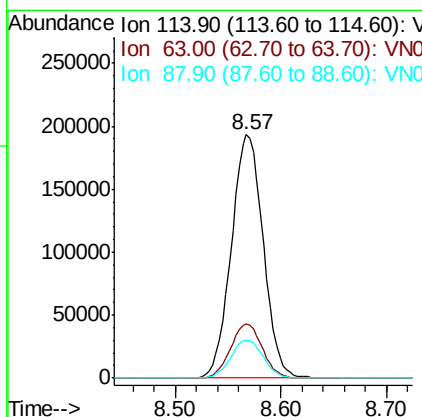
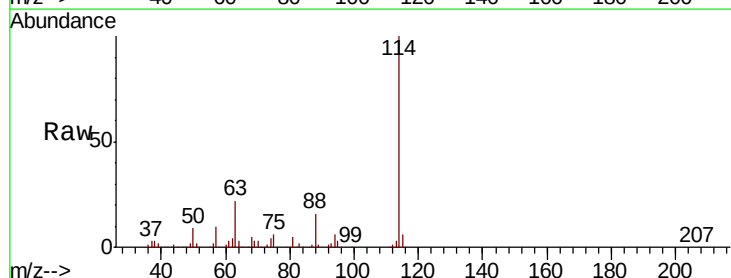
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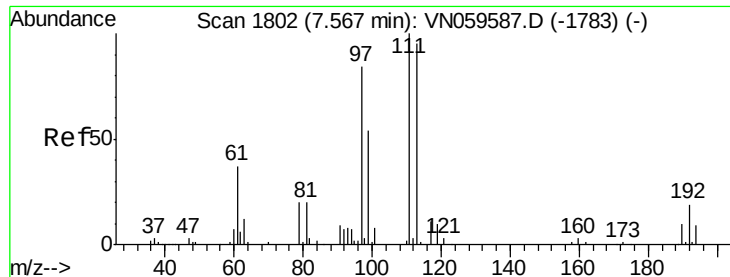
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	404538		
63	22.2	0.0	43.6	
88	15.6	0.0	31.4	





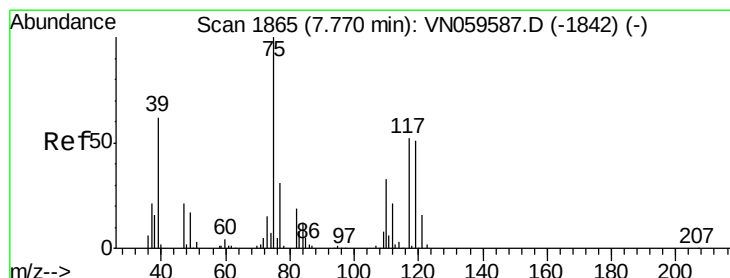
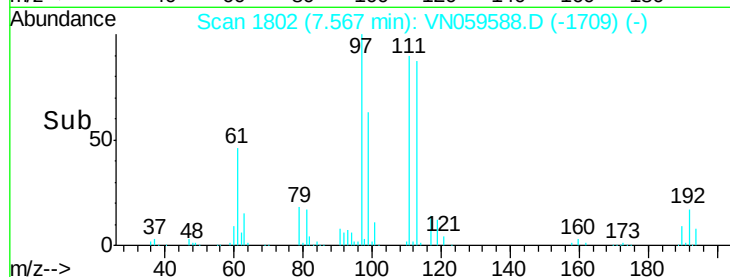
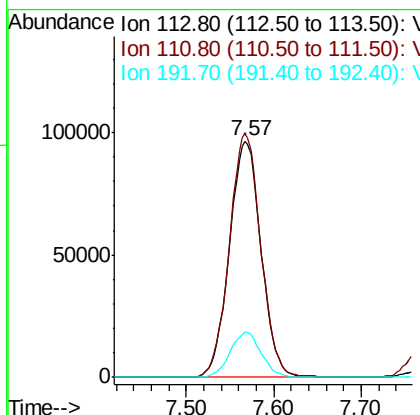
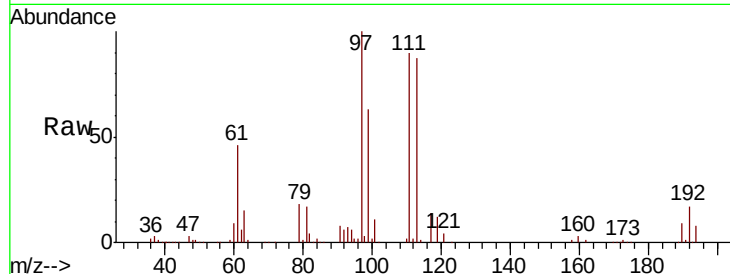
#35
 Dibromofluoromethane
 Concen: 98.714 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	242464		
111	102.4	83.5	125.3	
192	18.8	15.4	23.2	

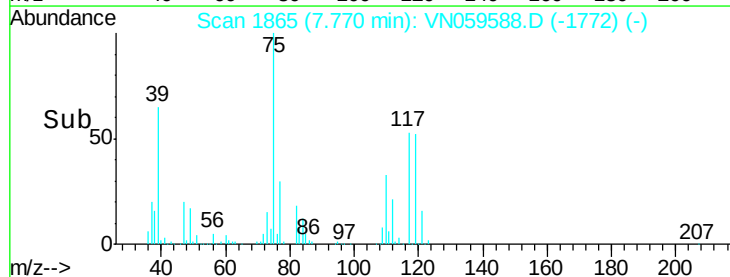
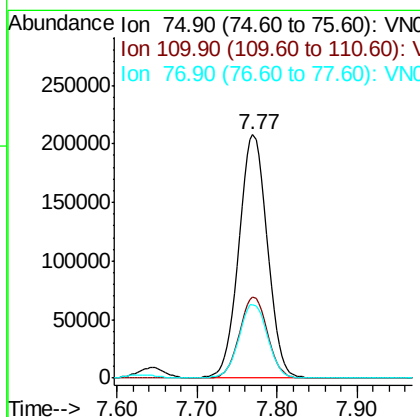
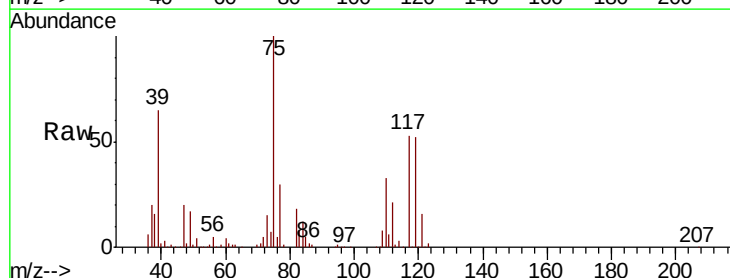
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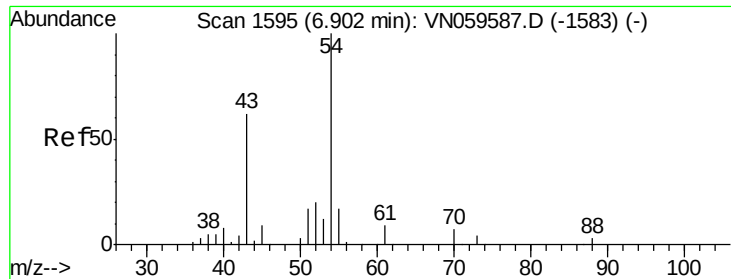
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#36
 1,1-Dichloropropene
 Concen: 118.291 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	498574		
110	32.7	16.6	49.7	
77	30.7	25.1	37.7	





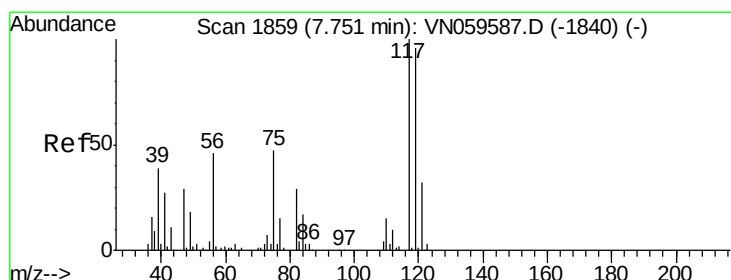
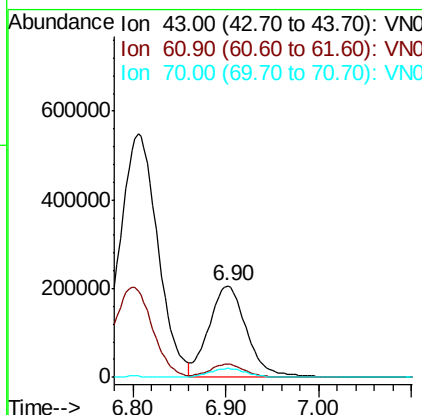
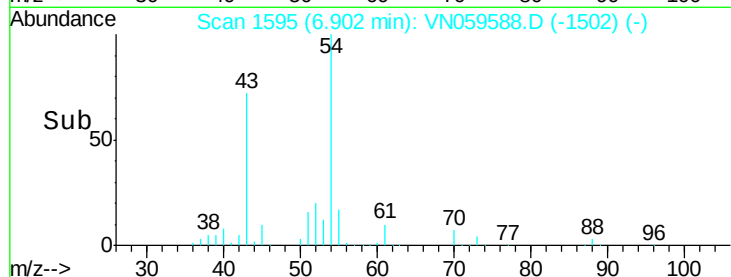
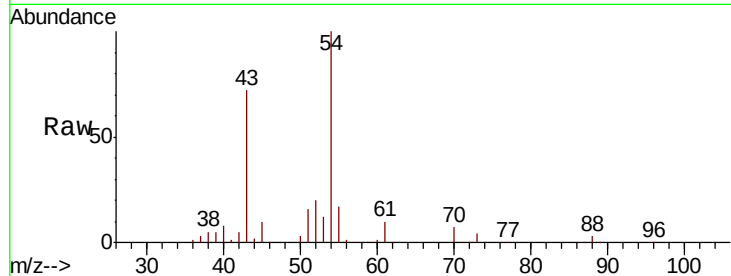
#37
Ethyl Acetate
Concen: 131.555 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	9.4	7.7	11.5

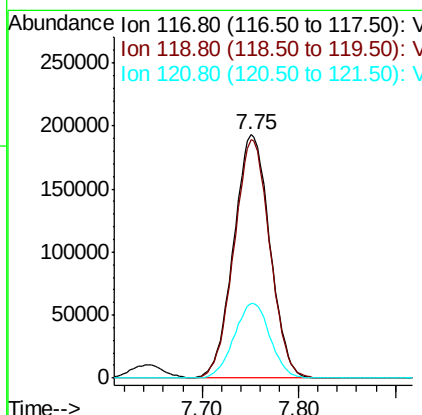
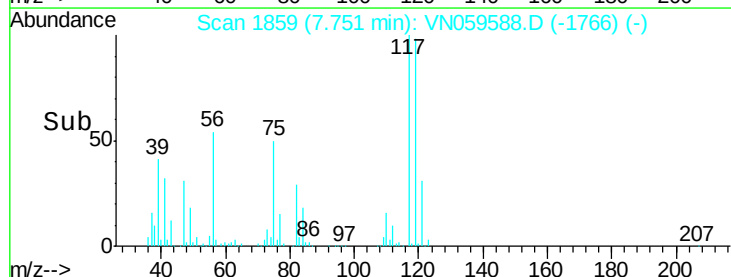
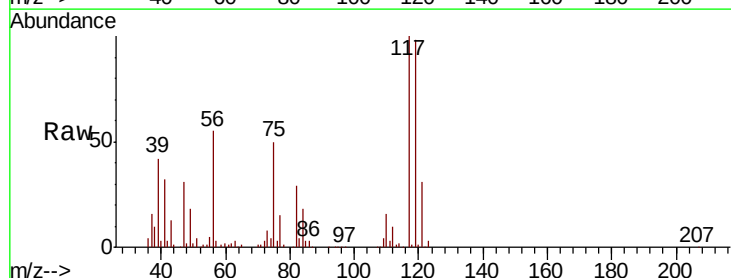
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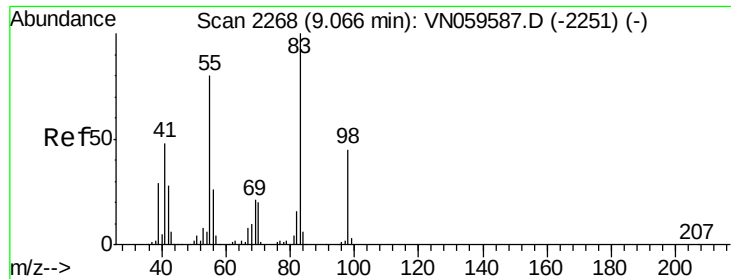
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#38
Carbon Tetrachloride
Concen: 120.521 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.5	114.7
121	30.9	25.1	37.7





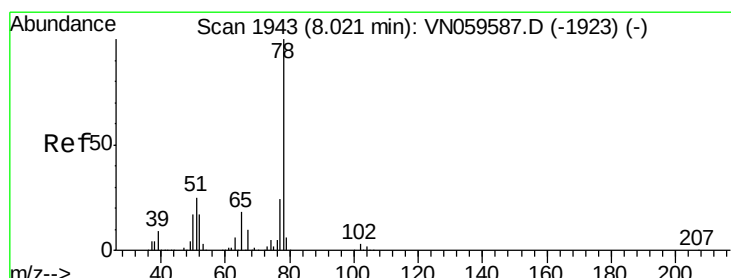
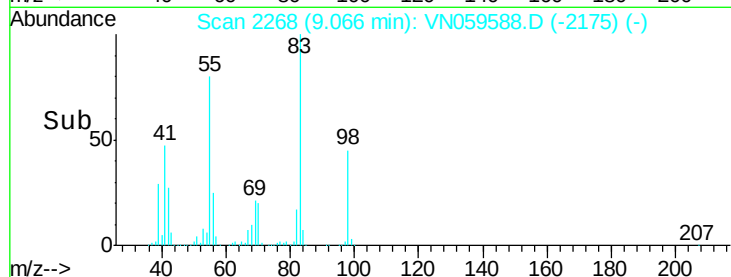
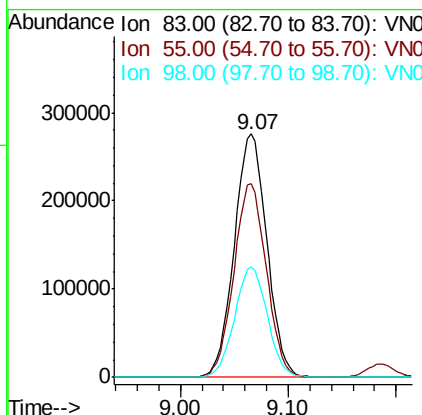
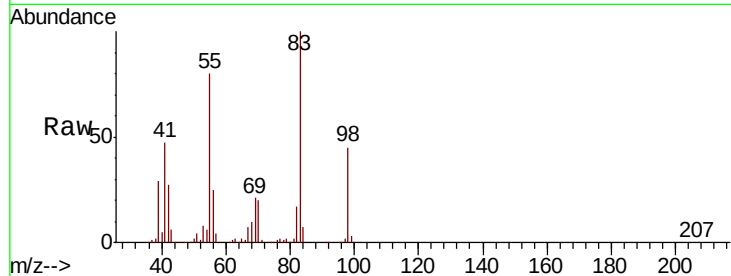
#39
Methylvlcyclohexane
Concen: 123.010 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.6	64.2	96.2	
98	45.2	35.9	53.9	

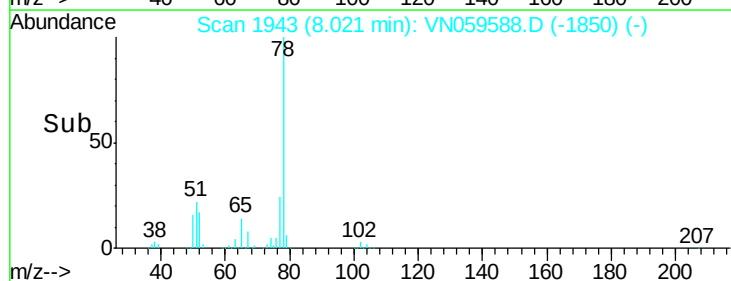
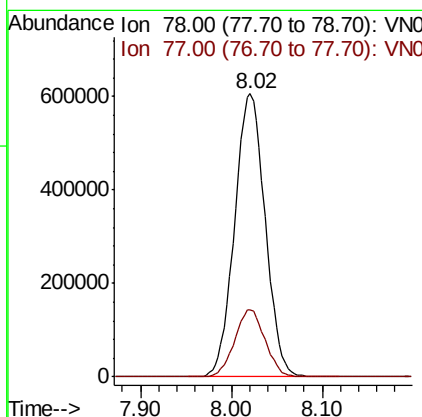
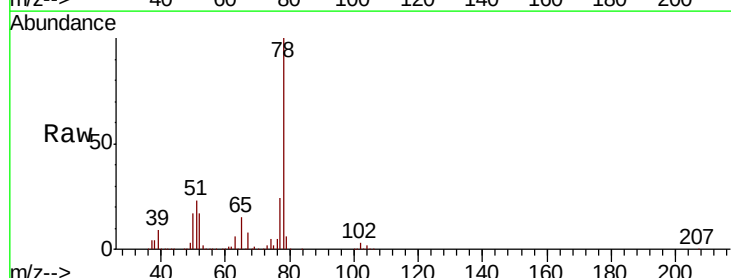
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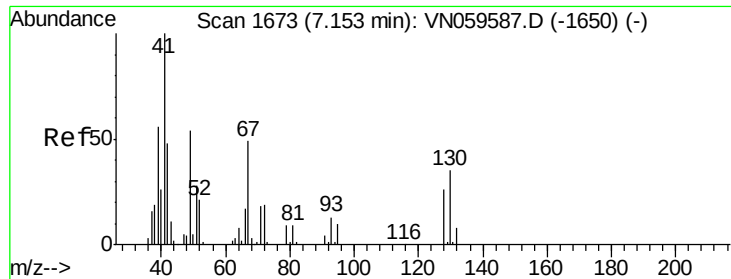
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#40
Benzene
Concen: 117.265 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.9	28.3	





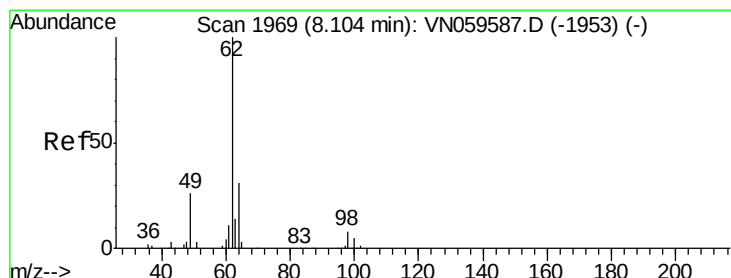
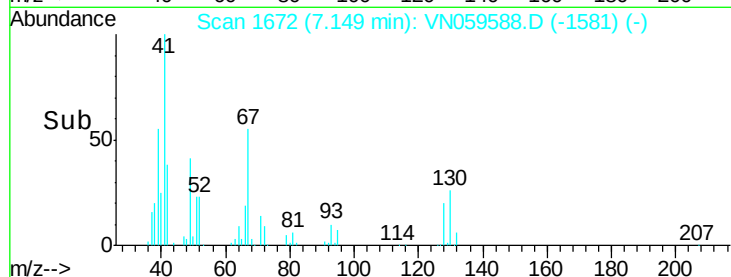
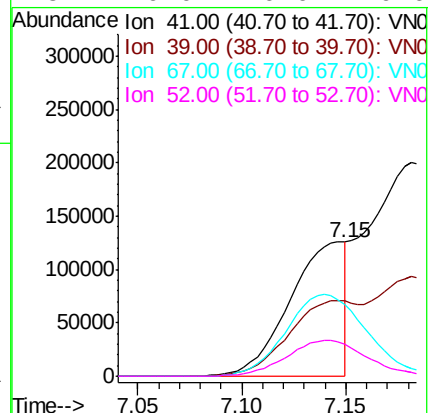
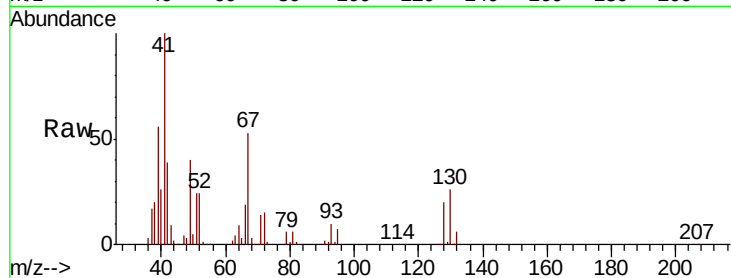
#41
Methacrylonitrile
Concen: 112.744 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		231928		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

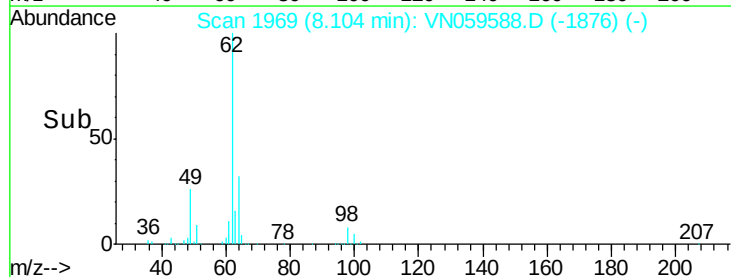
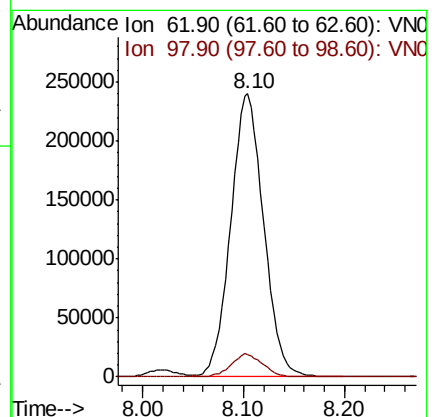
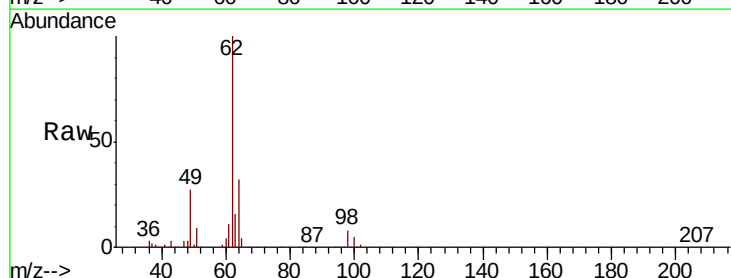
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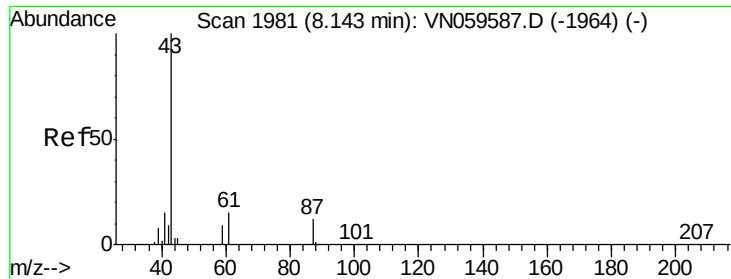
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#42
1,2-Dichloroethane
Concen: 120.630 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		543362		
98	7.9	0.0	15.8		





#43

Isopropyl Acetate

Concen: 127.426 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

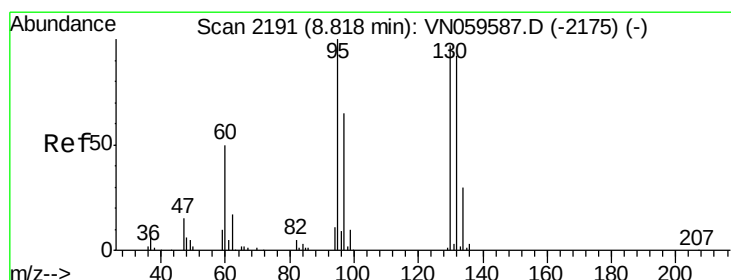
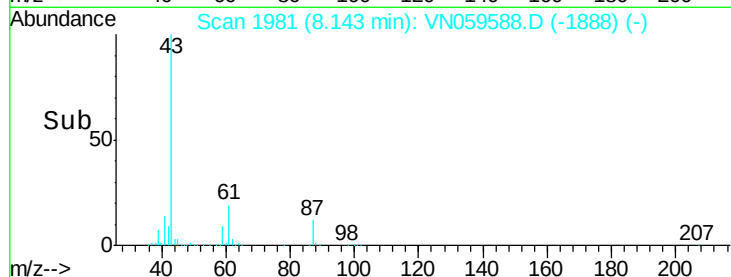
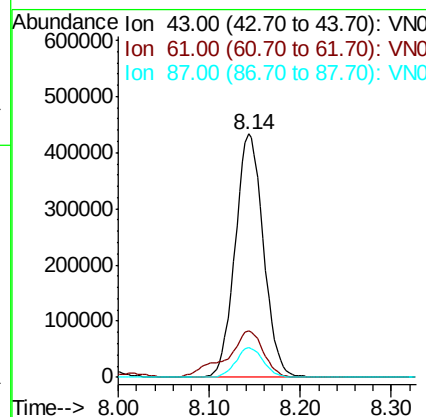
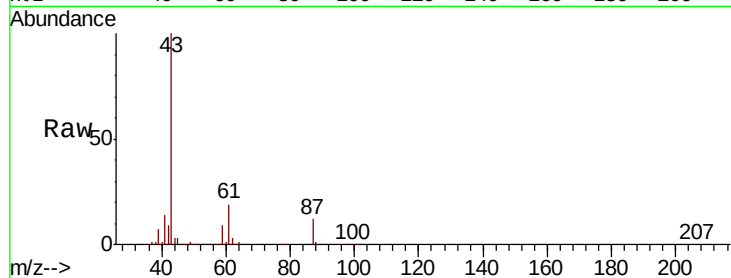
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	930546
Ion	Ratio	Lower	Upper
43	100		
61	24.8	20.2	30.2
87	12.1	9.5	14.3

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#44

Trichloroethene

Concen: 119.848 ug/l

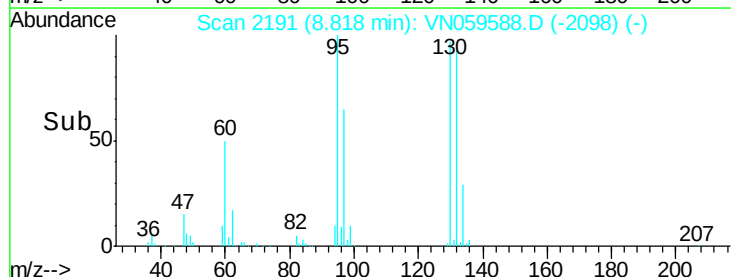
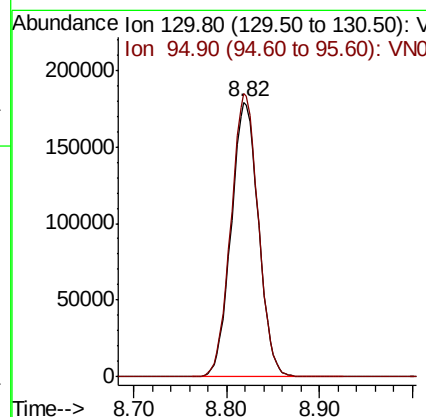
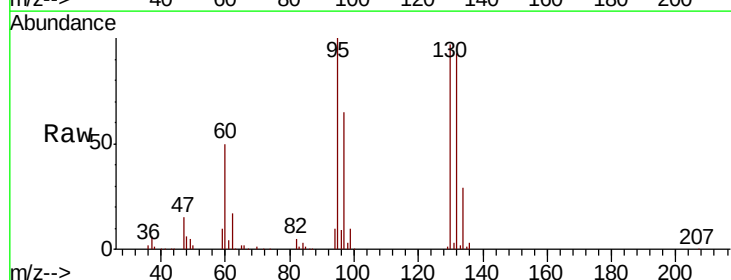
RT: 8.82 min Scan# 2191

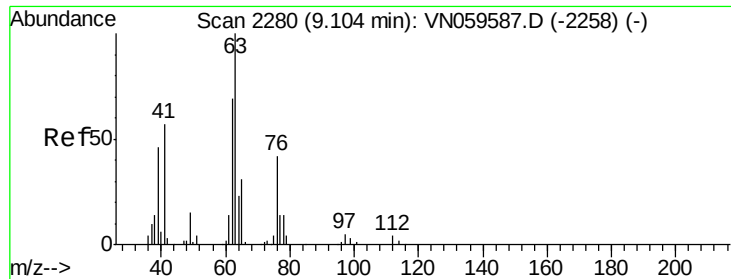
Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Tgt Ion:	130	Resp:	366441
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	207.0





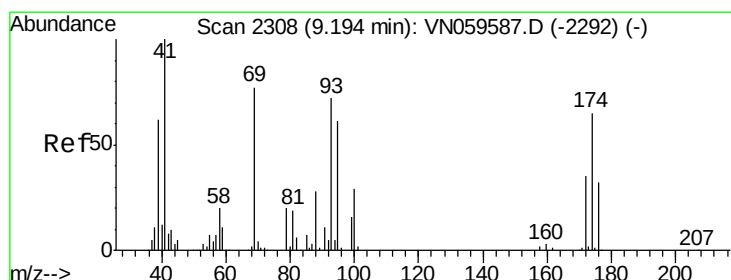
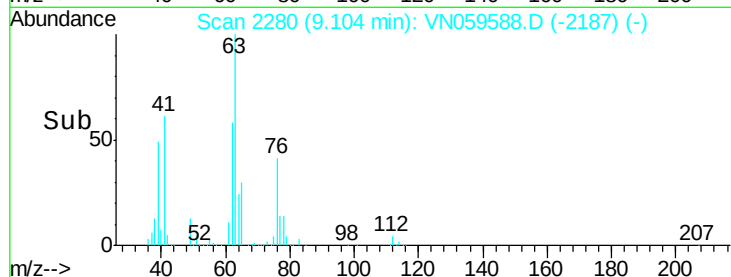
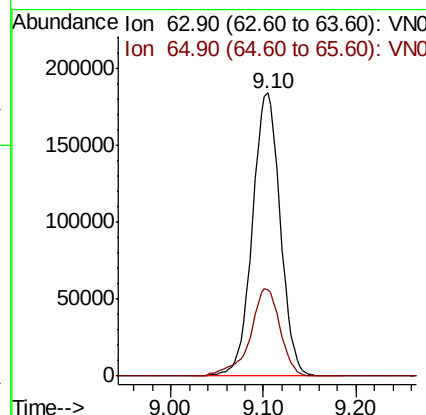
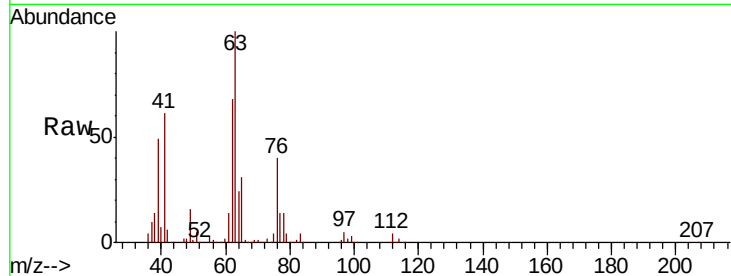
#45
 1,2-Dichloropropane
 Concen: 119.760 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.9	37.3

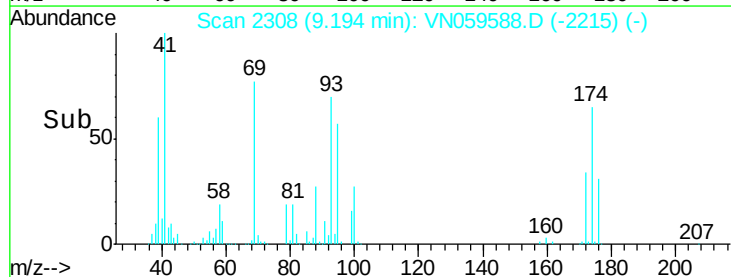
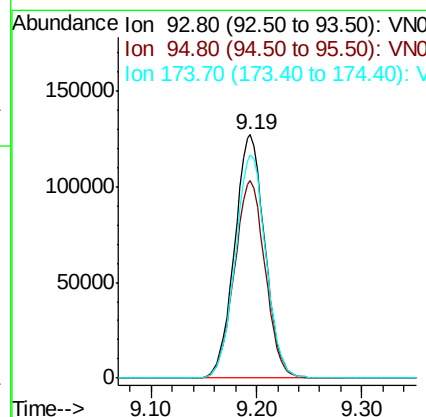
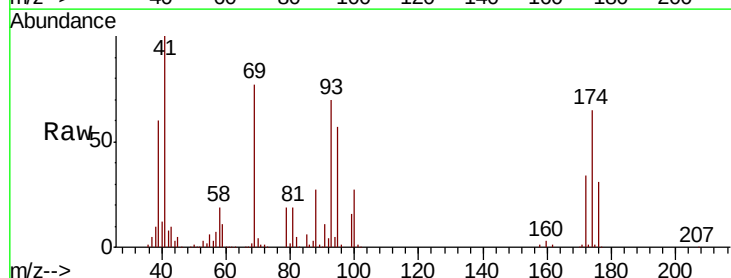
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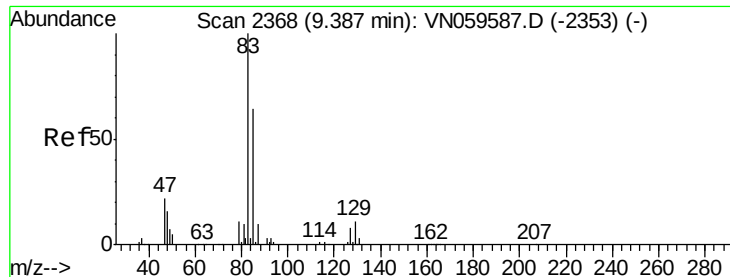
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#46
 Dibromomethane
 Concen: 119.364 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.0	100.6
174	92.8	73.4	110.2





#47

Bromodichloromethane

Concen: 123.192 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

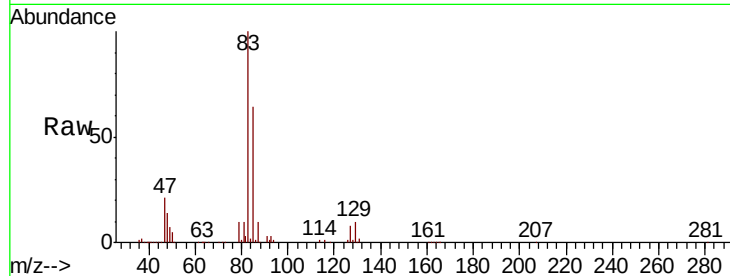
ClientSampleId :

VSTDIC100

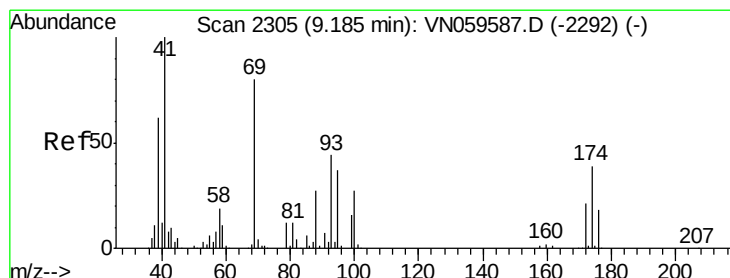
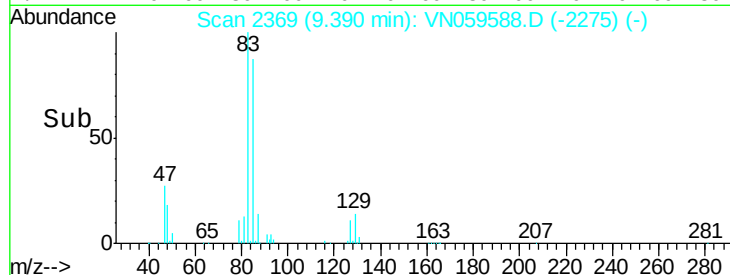
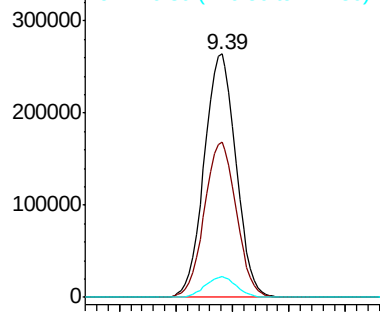
Tot Ion:	83	Resp:	517301
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.1	76.7
127	8.4	6.6	9.8

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Abundance Ion 82.90 (82.60 to 83.60): VN059588.D (-2275) (-)



#48

Methyl methacrylate

Concen: 134.430 ug/l

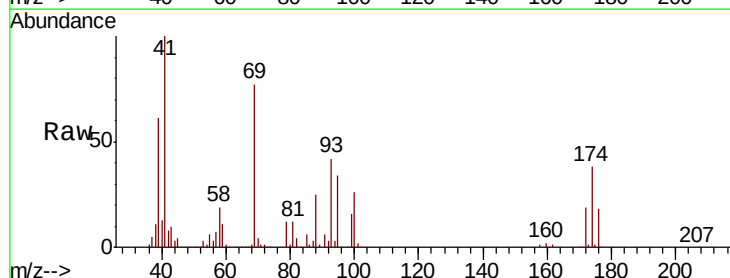
RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

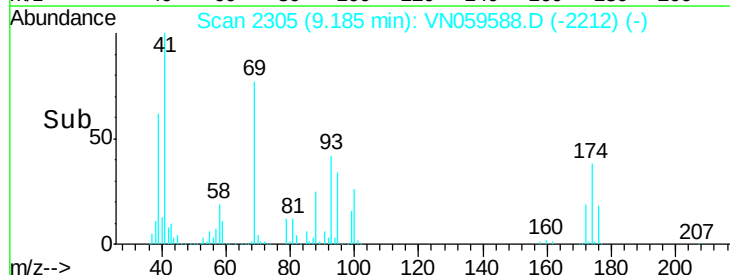
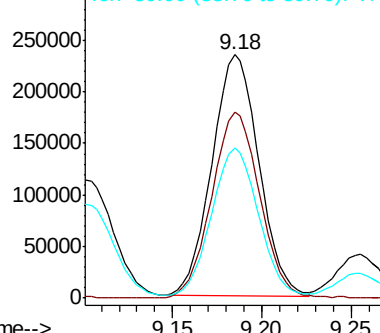
Lab File: VN059588.D

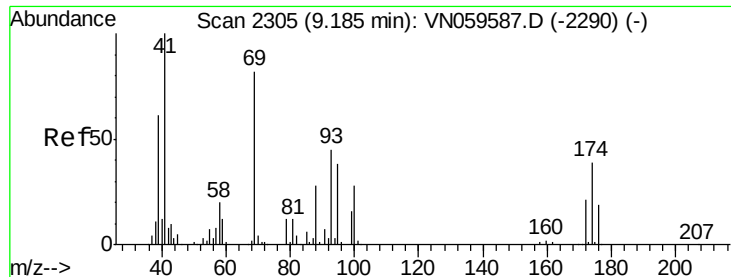
Acq: 13 Dec 2019 17:06

Tgt Ion:	41	Resp:	430977
Ion Ratio	Lower	Upper	
41	100		
69	79.0	64.4	96.6
39	63.0	51.3	76.9



Abundance Ion 41.00 (40.70 to 41.70): VN059588.D (-2212) (-)





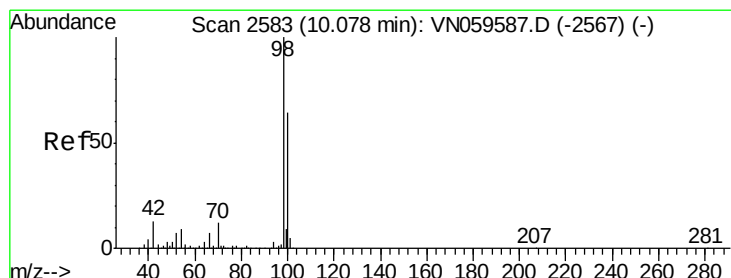
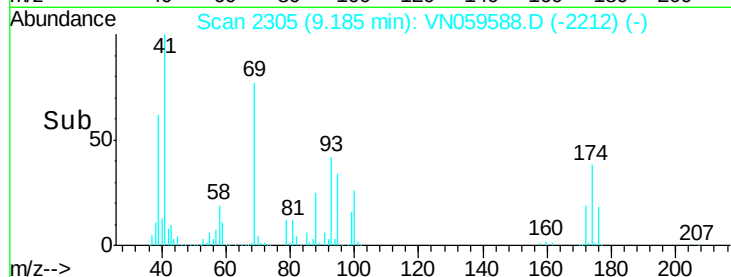
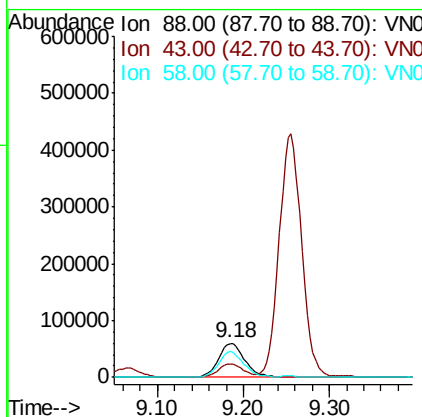
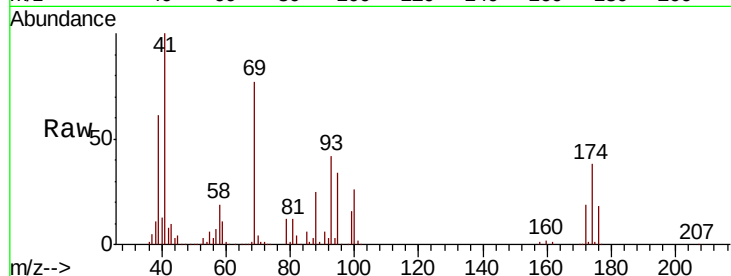
#49
1,4-Dioxane
Concen: 2994.384 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	29.7	44.5
58	72.5	56.6	85.0

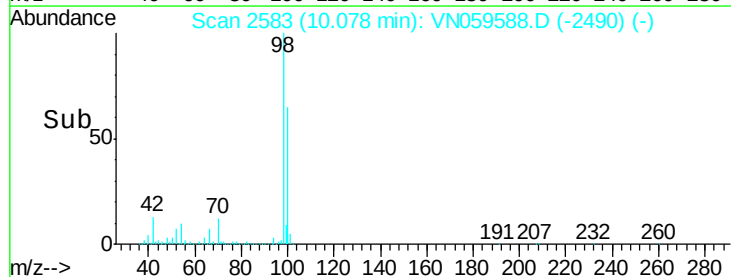
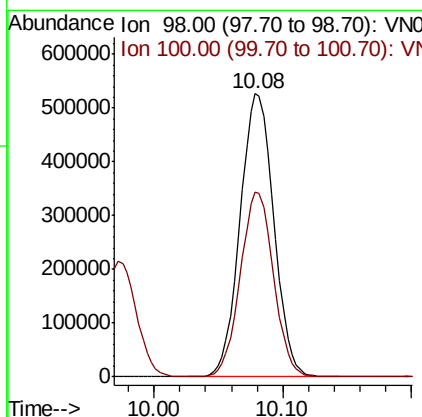
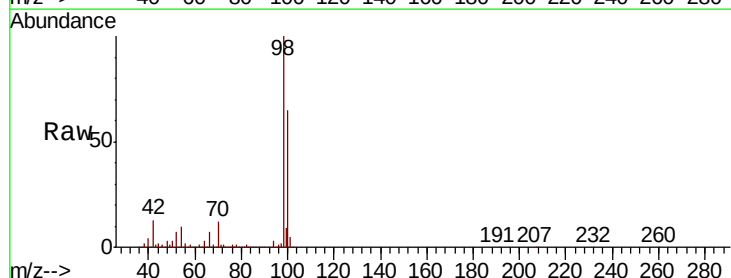
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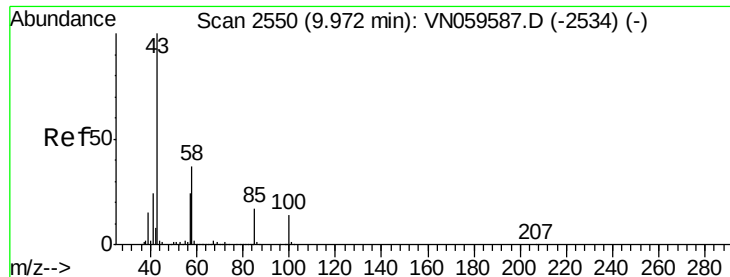
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#50
Toluene-d8
Concen: 94.961 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





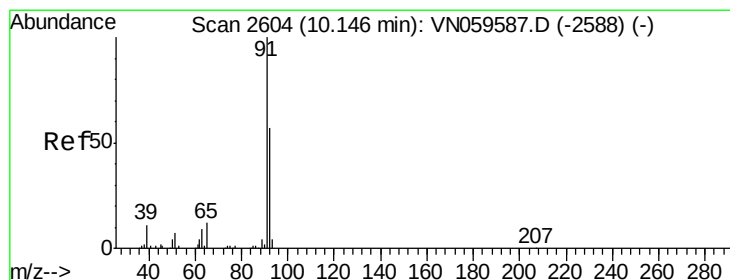
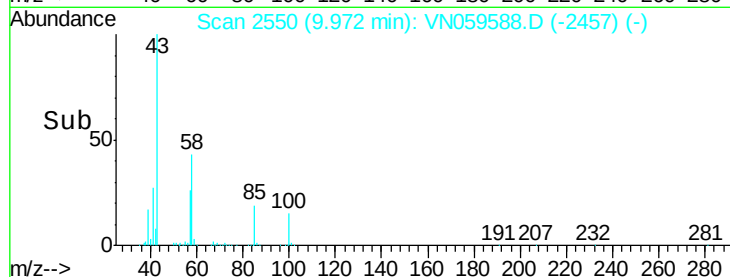
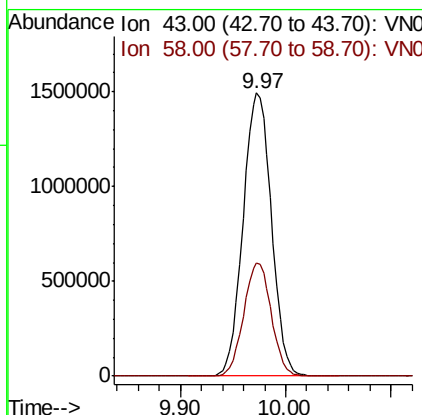
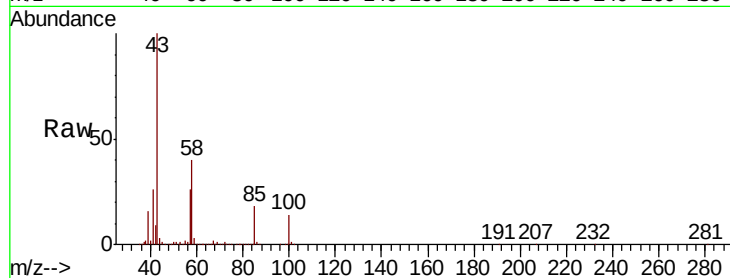
#51
4-Methyl-2-Pentanone
Concen: 655.598 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2783496
Ion Ratio Lower Upper
43 100
58 39.0 29.8 44.8

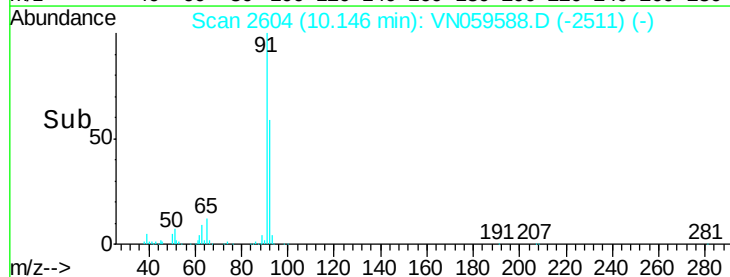
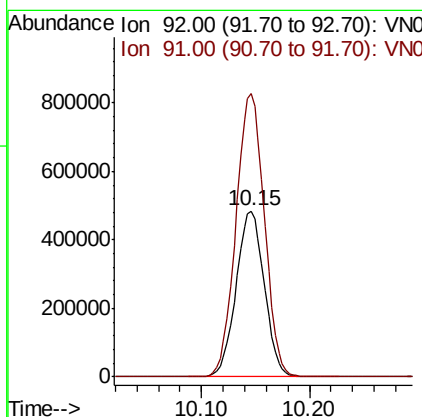
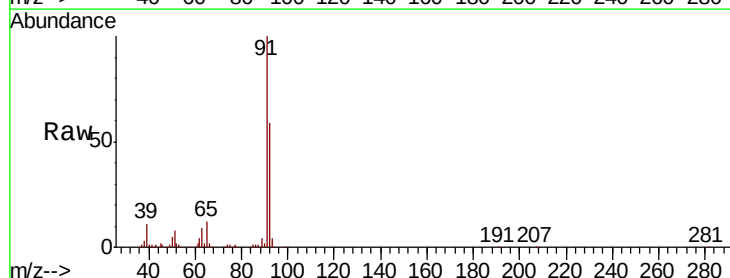
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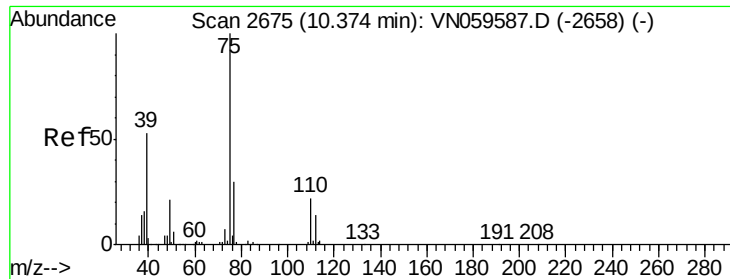
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#52
Toluene
Concen: 122.210 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion: 92 Resp: 879916
Ion Ratio Lower Upper
92 100
91 173.1 140.4 210.6





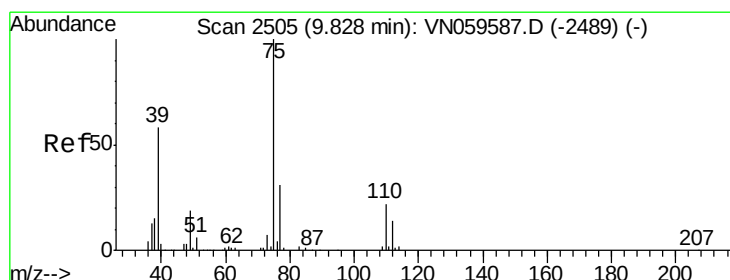
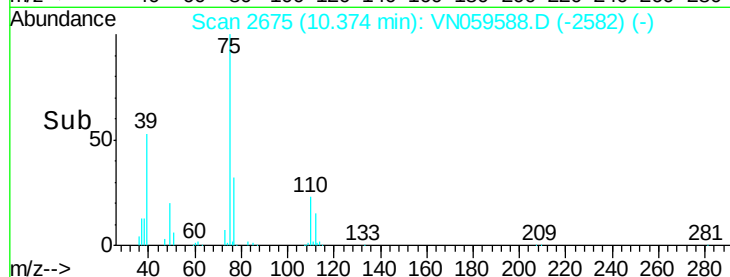
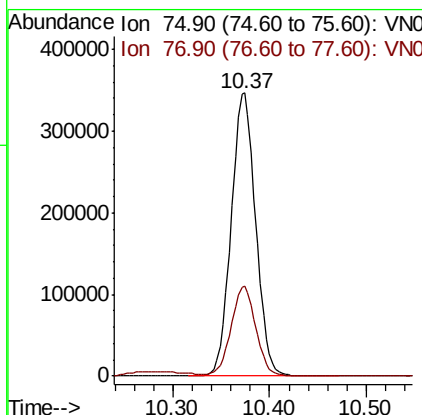
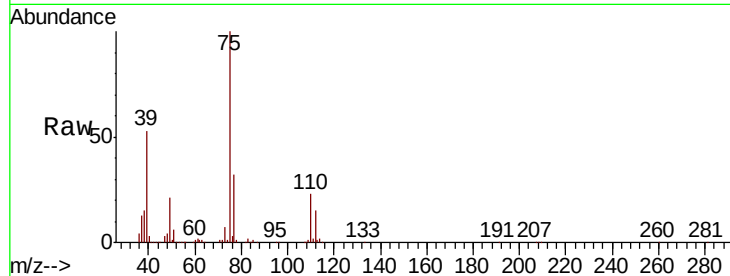
#53
t-1,3-Dichloropropene
Concen: 124.119 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 608037
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

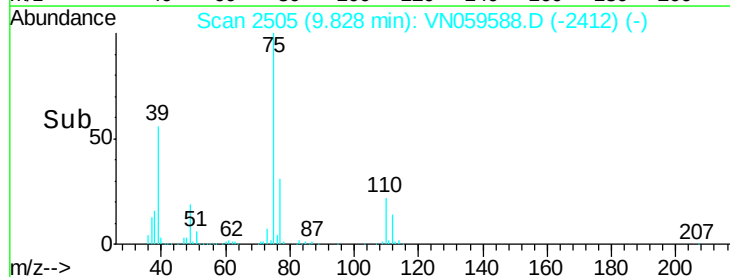
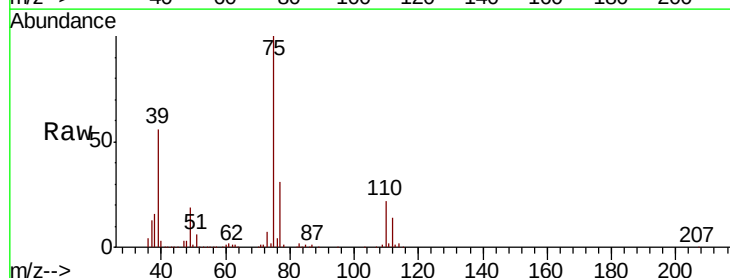
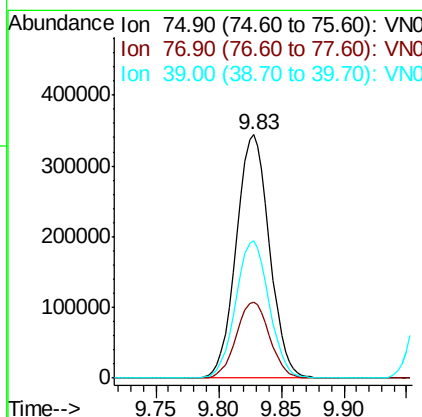
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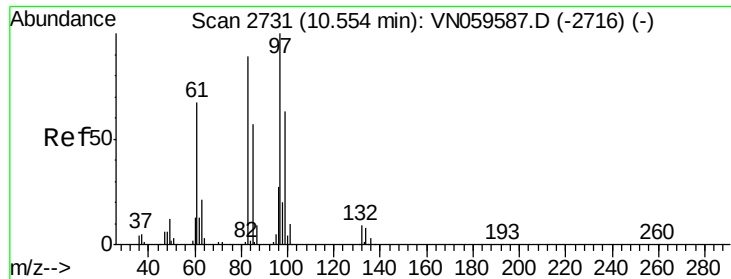
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#54
cis-1,3-Dichloropropene
Concen: 126.179 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion: 75 Resp: 633573
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 56.1 46.1 69.1





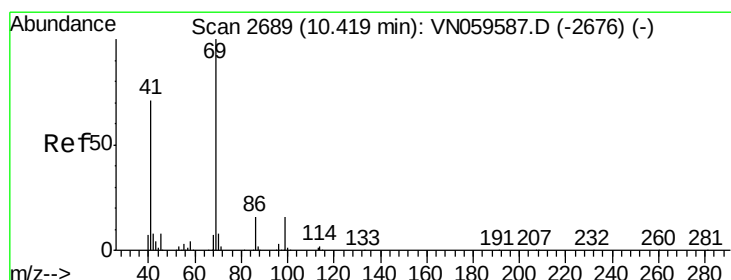
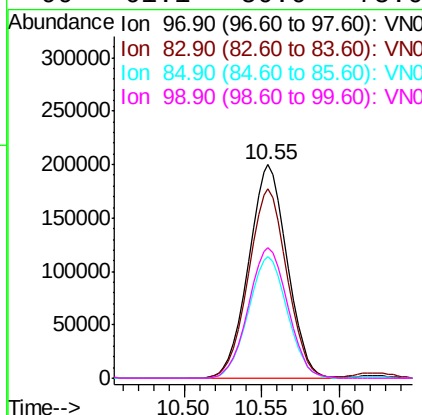
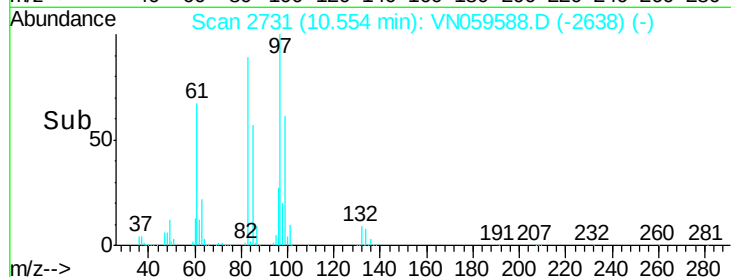
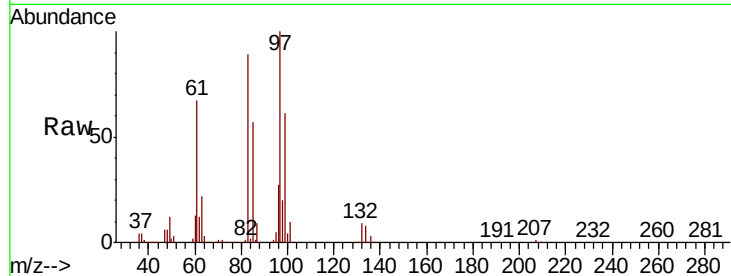
#55
 1,1,2-Trichloroethane
 Concen: 119.334 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	347565
Ion	Ratio	Lower	Upper
97	100		
83	88.5	71.3	106.9
85	56.7	45.8	68.8
99	61.1	50.0	75.0

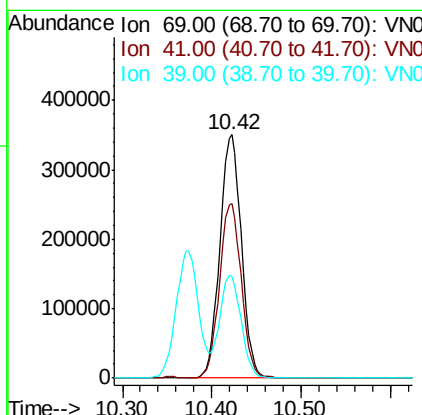
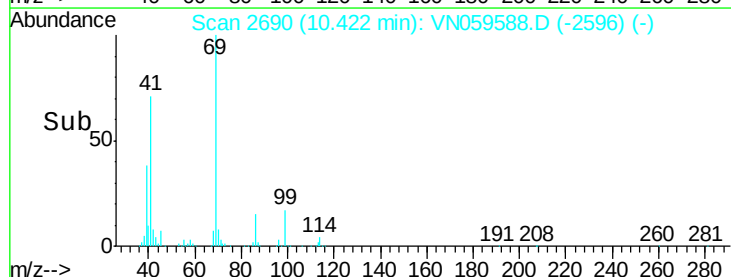
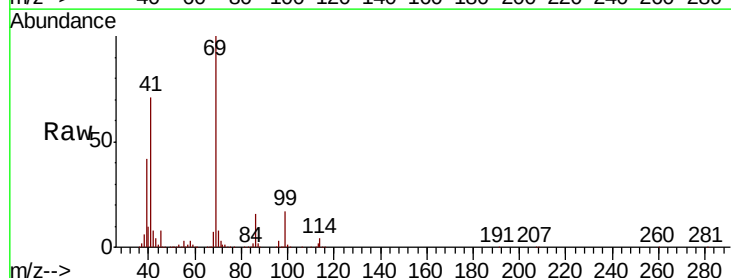
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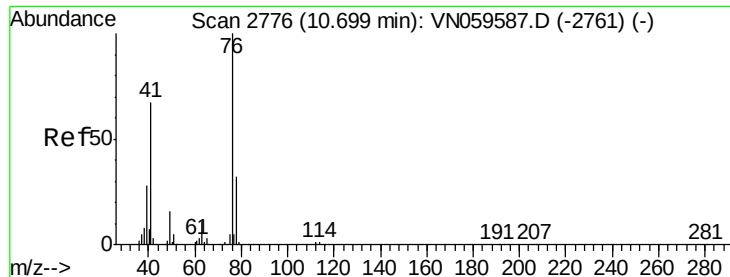
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#56
 Ethyl methacrylate
 Concen: 135.974 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion:	69	Resp:	585289
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.1	85.7
39	42.6	34.7	52.1





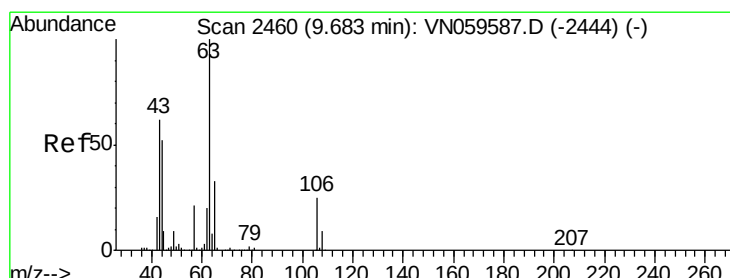
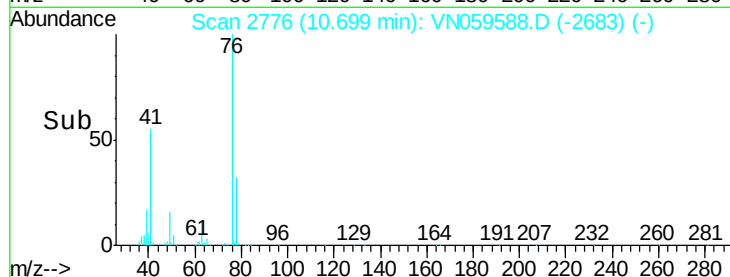
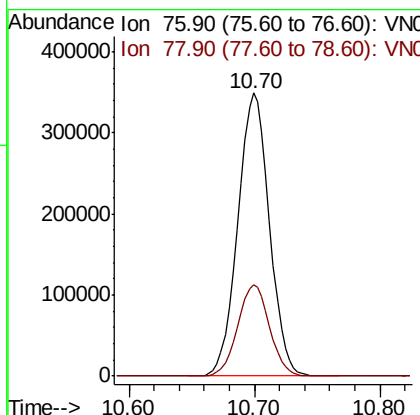
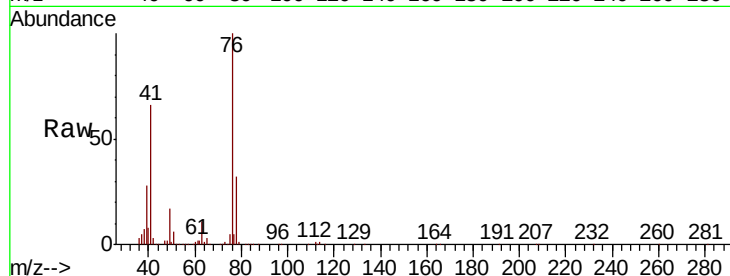
#57
 1,3-Dichloropropane
 Concen: 122.370 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

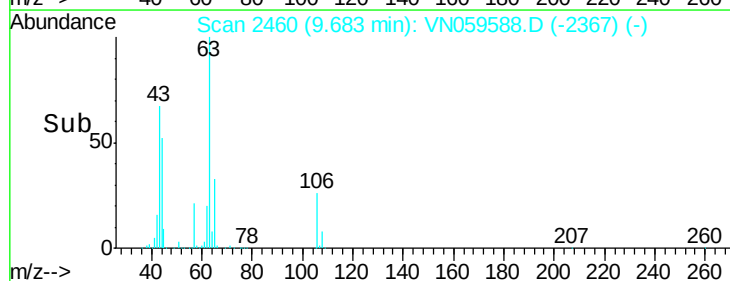
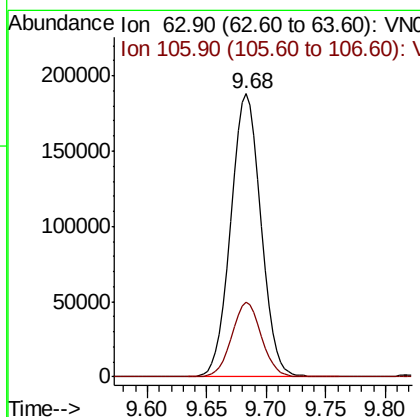
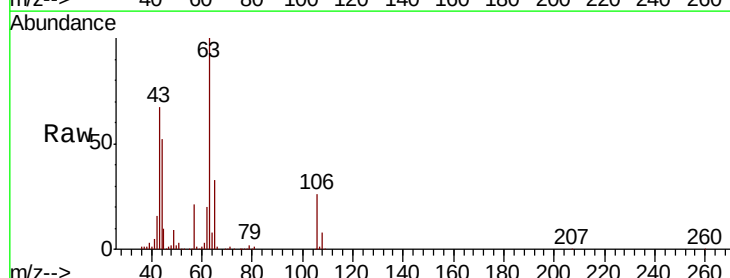
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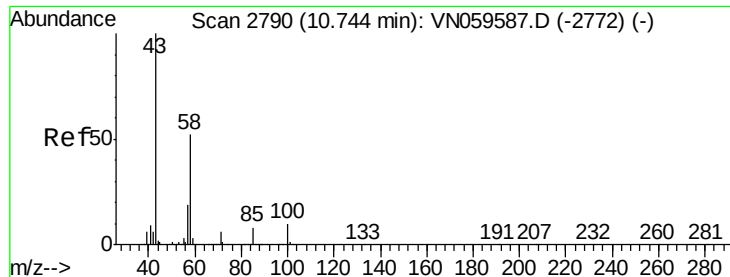
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.980 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.8	20.2	30.2





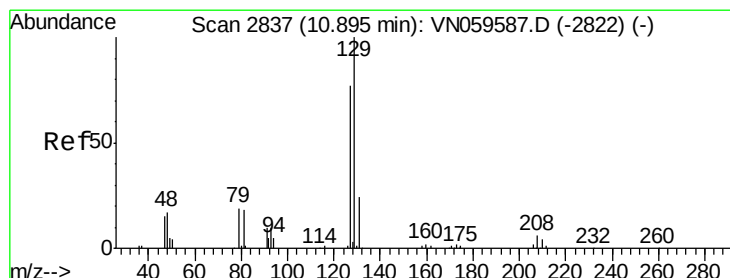
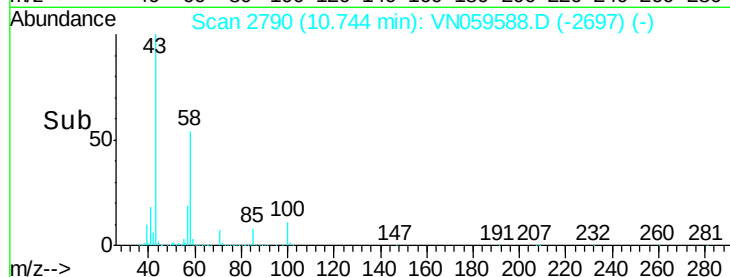
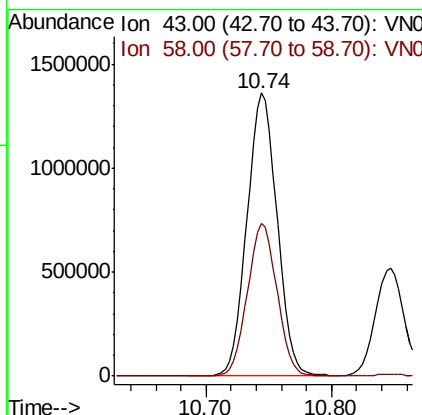
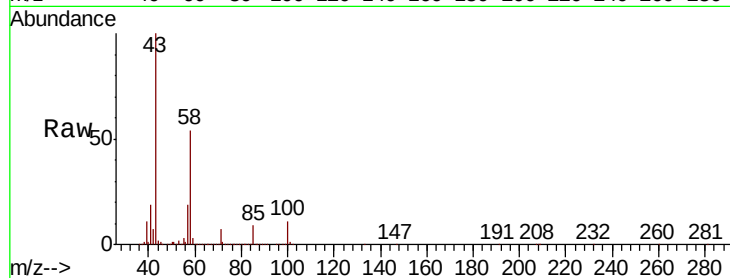
#59
2-Hexanone
Concen: 707.614 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2276832
Ion Ratio Lower Upper
43 100
58 53.2 25.8 77.3

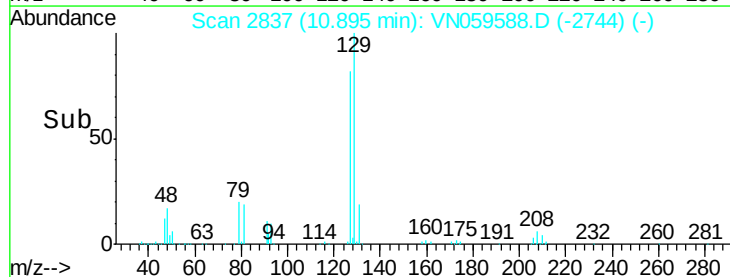
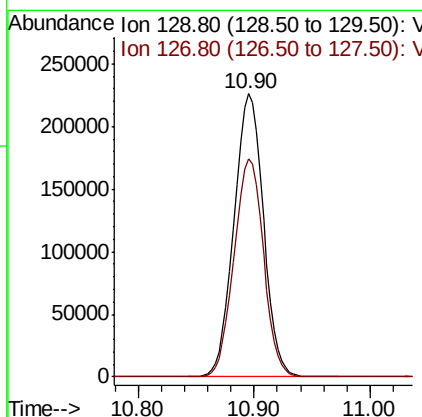
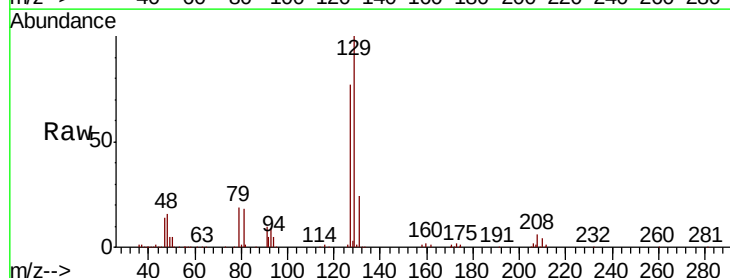
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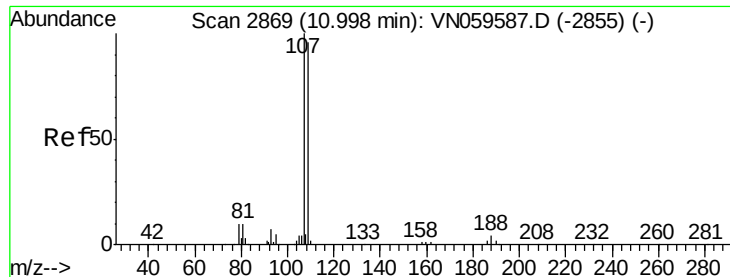
apatel
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#60
Dibromochloromethane
Concen: 125.850 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion: 129 Resp: 397379
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





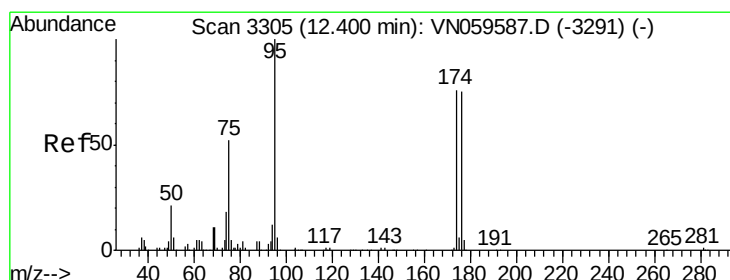
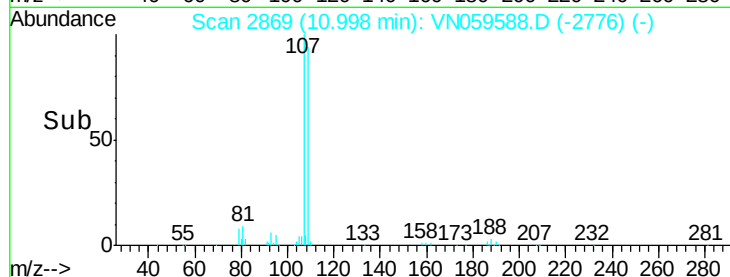
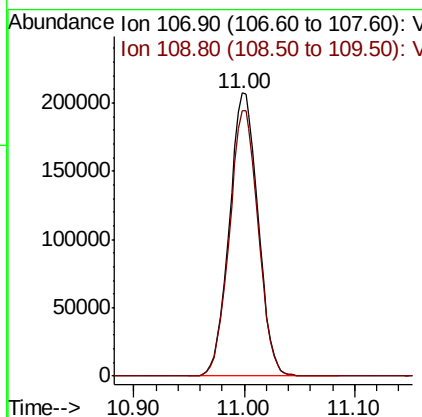
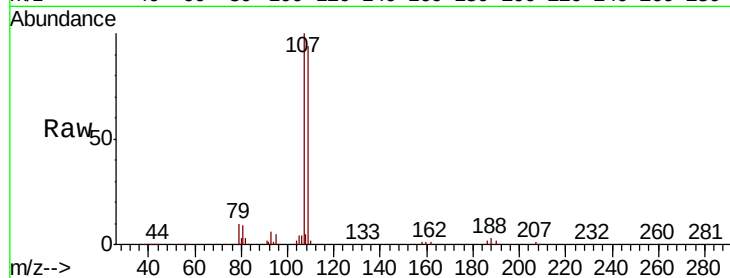
#61
 1,2-Dibromoethane
 Concen: 123.595 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.6	115.0

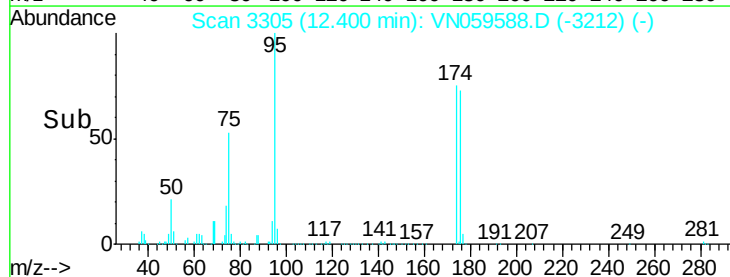
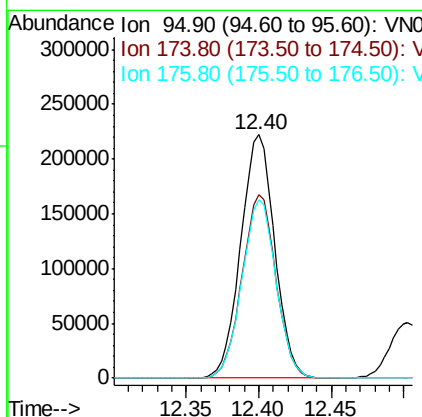
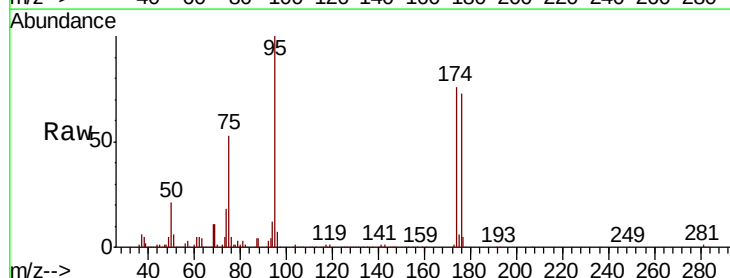
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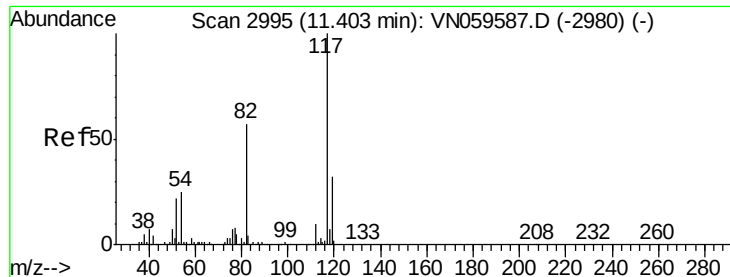
apatel
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#62
 4-Bromofluorobenzene
 Concen: 99.087 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	151.4
176	73.8	0.0	146.0





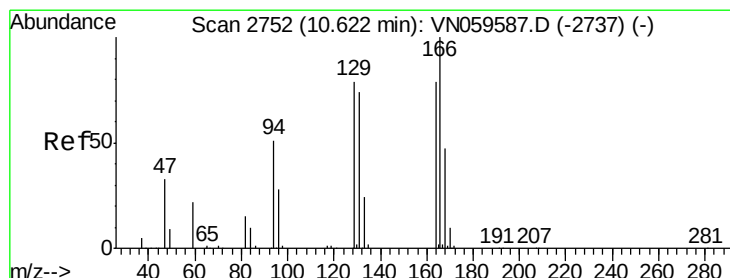
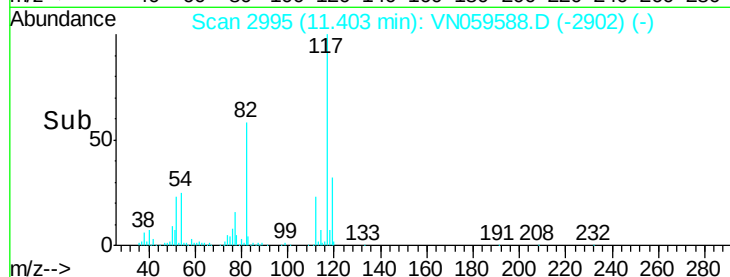
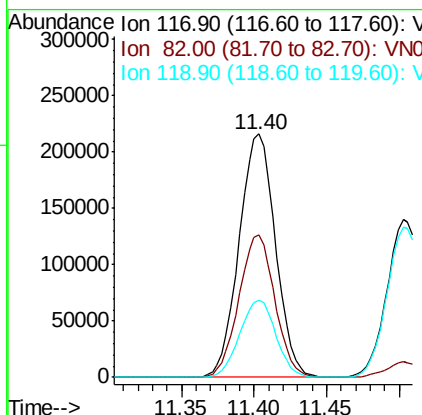
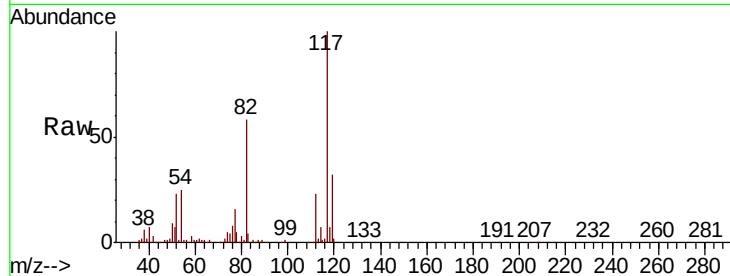
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.9	68.9
119	32.0	25.5	38.3

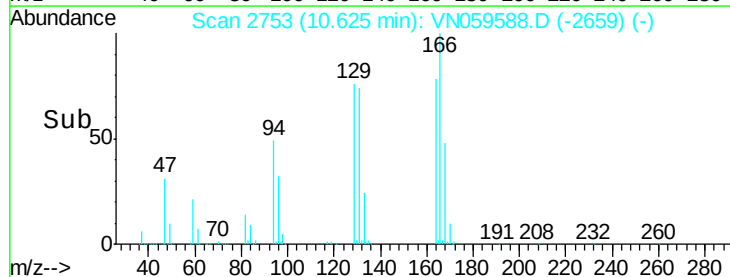
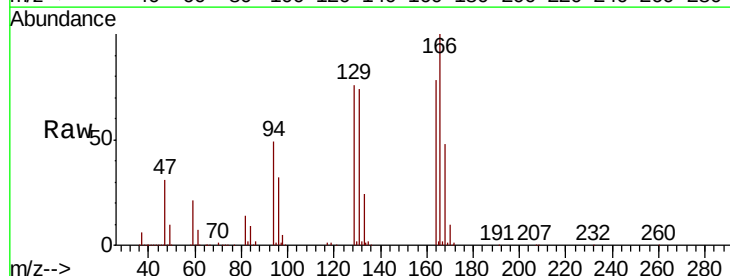
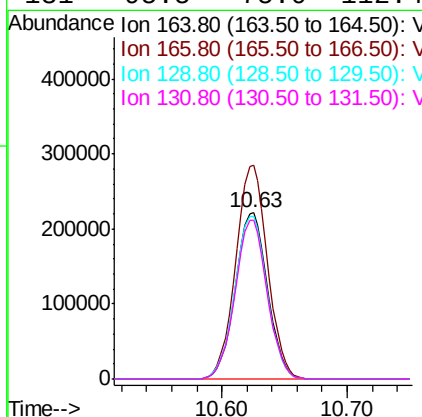
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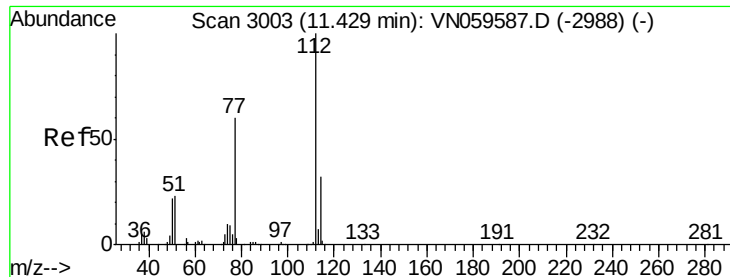
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#64
Tetrachloroethene
Concen: 134.989 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.4	152.0
129	97.9	80.2	120.4
131	95.5	75.0	112.4





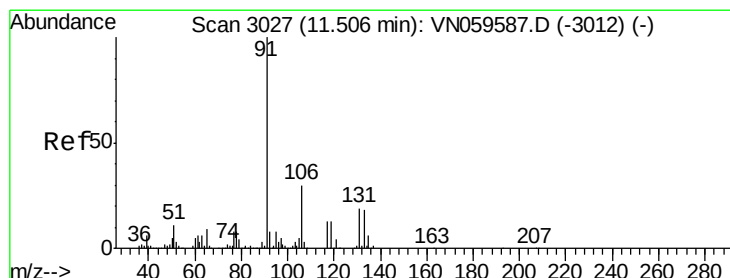
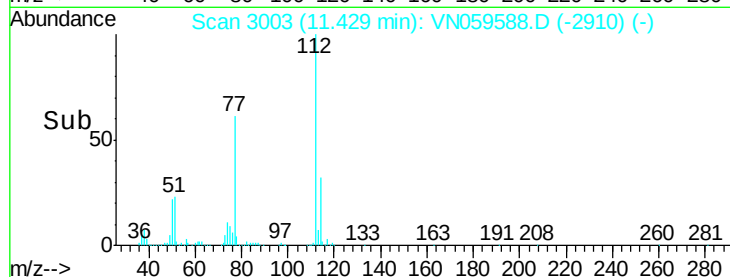
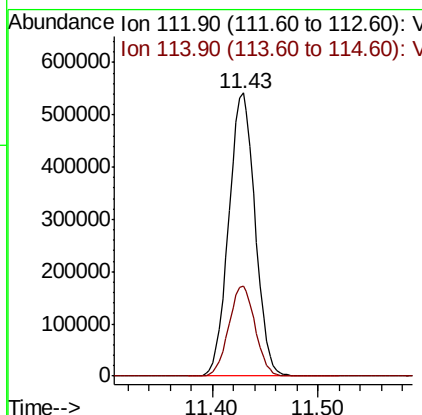
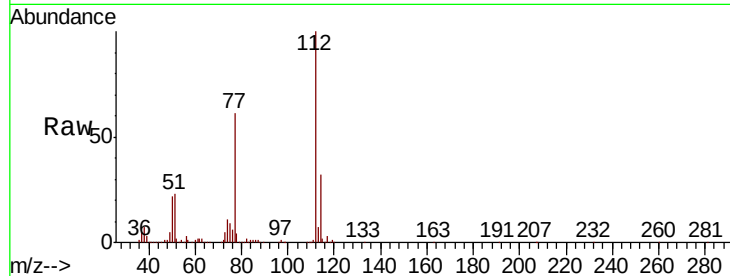
#65
Chlorobenzene
Concen: 115.819 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.8

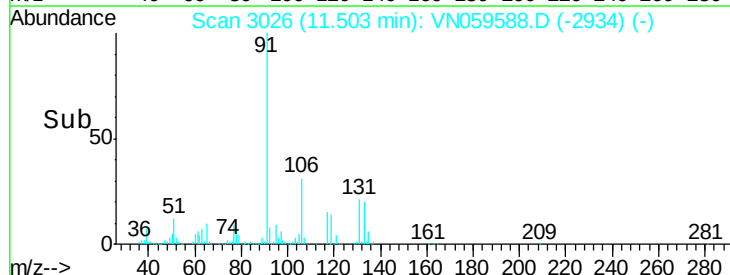
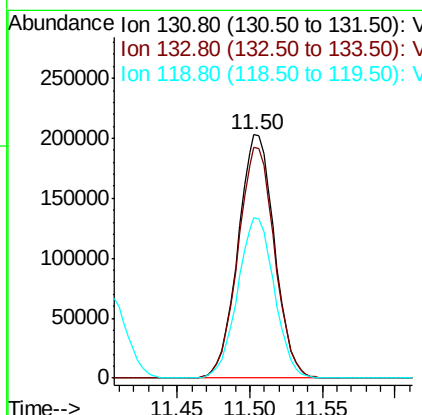
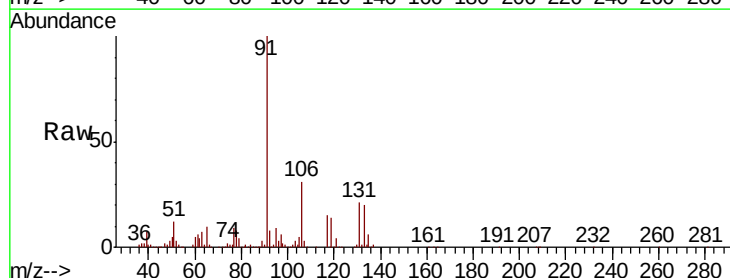
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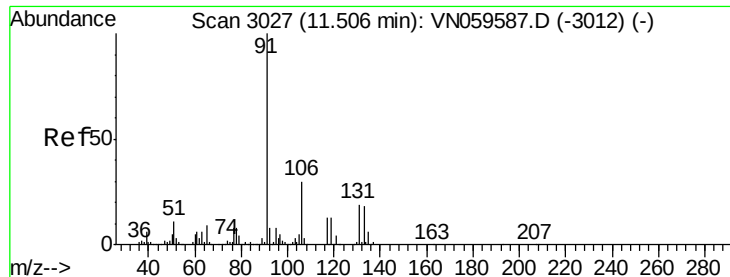
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#66
1,1,1,2-Tetrachloroethane
Concen: 117.947 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.2
119	66.0	33.1	99.3





#67

Ethyl Benzene

Concen: 118.900 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1720303

Ion Ratio Lower Upper

91 100

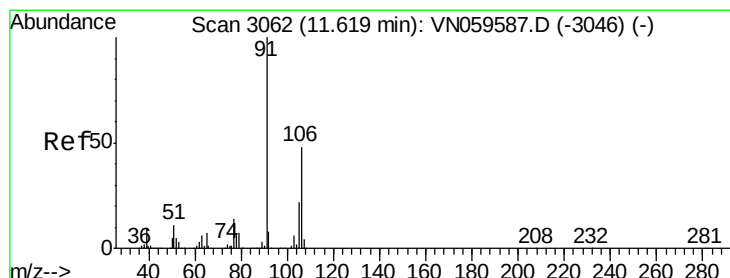
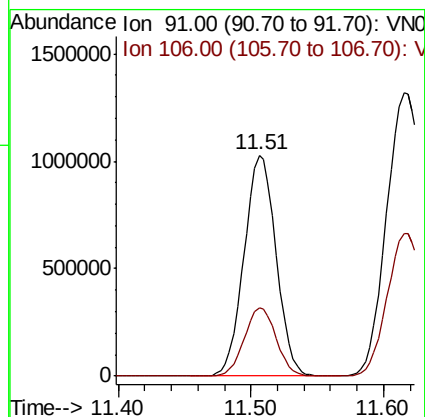
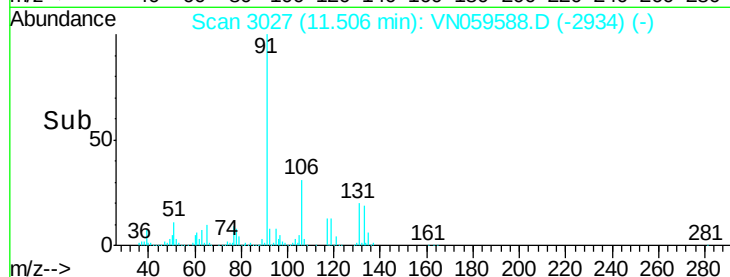
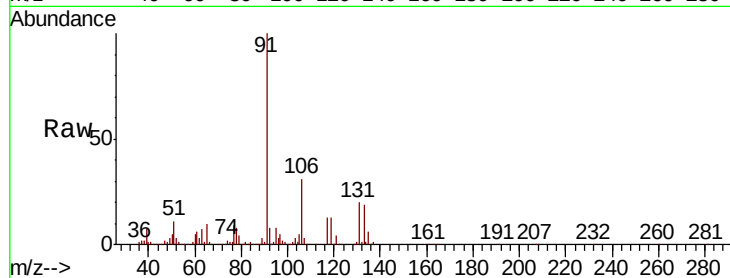
106 30.9 24.1 36.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 240.748 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059588.D

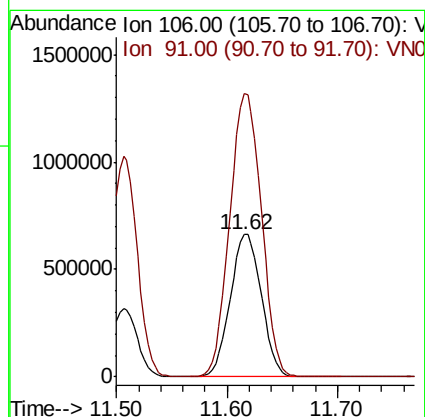
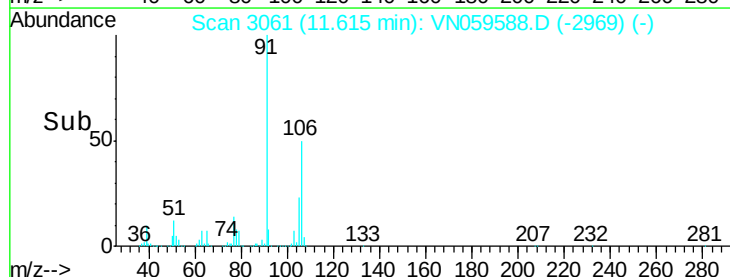
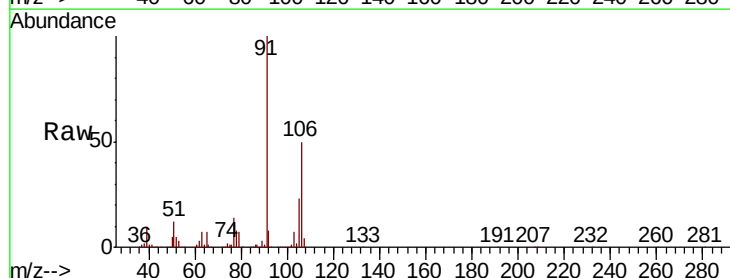
Acq: 13 Dec 2019 17:06

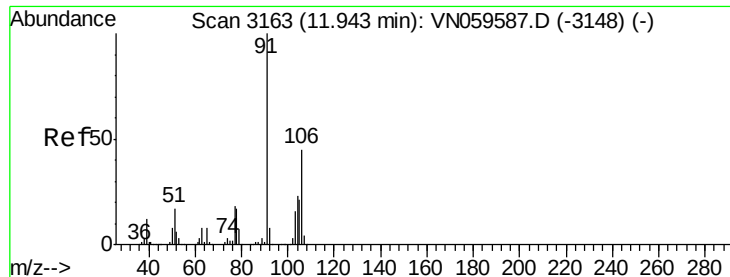
Tgt Ion: 106 Resp: 1290339

Ion Ratio Lower Upper

106 100

91 203.7 167.9 251.9





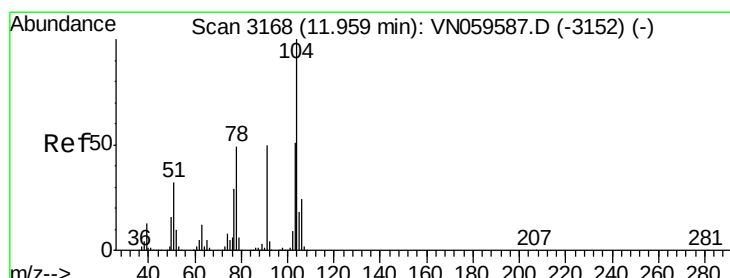
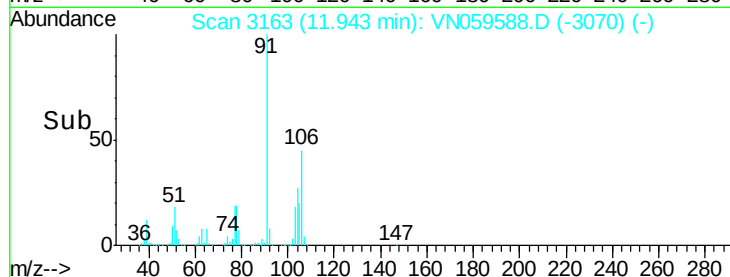
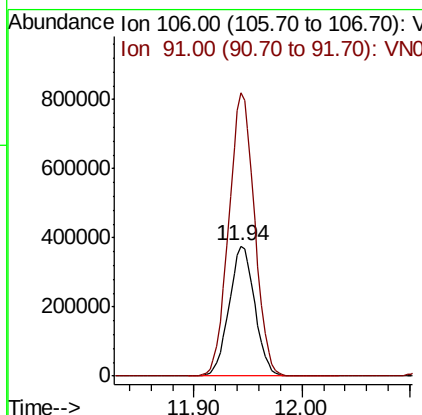
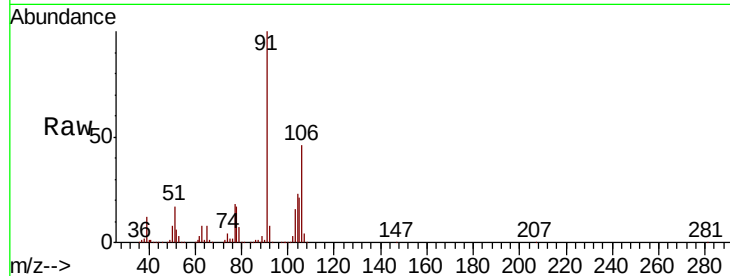
#69
o-Xylene
Concen: 124.429 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.0	110.3	330.9	

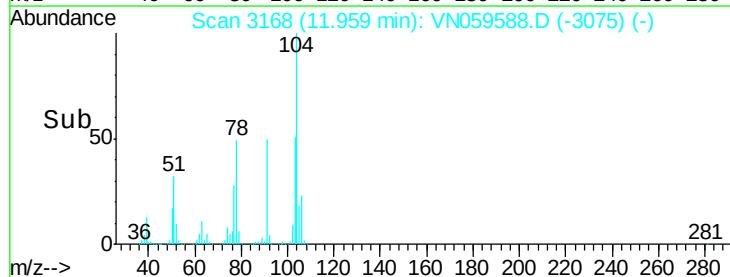
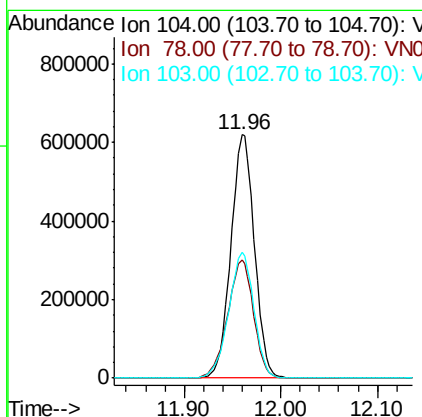
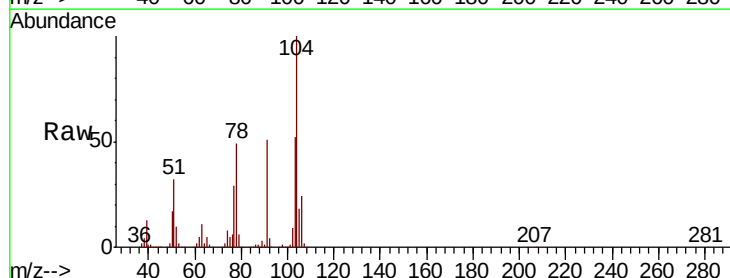
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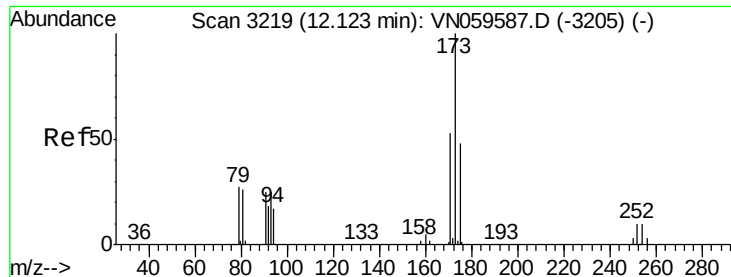
apatel
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#70
Styrene
Concen: 126.197 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.4	42.4	63.6	
103	55.6	43.9	65.9	





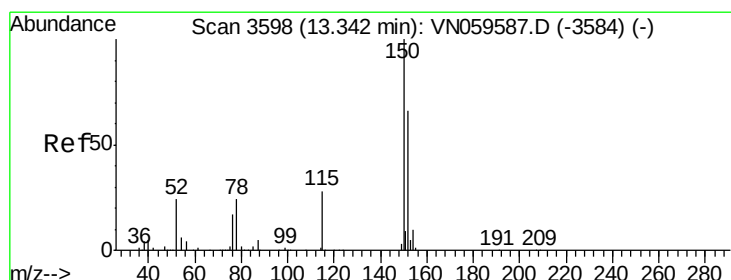
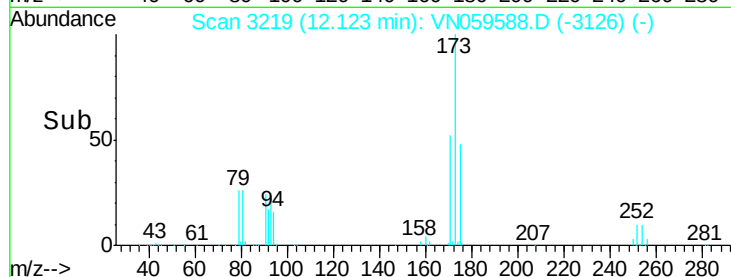
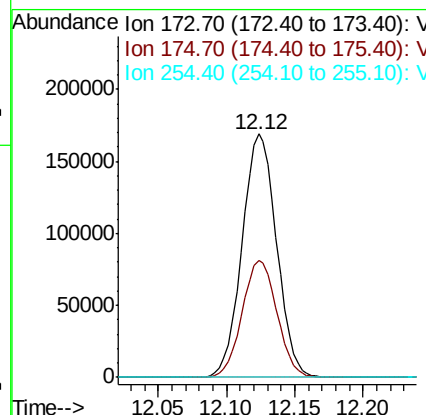
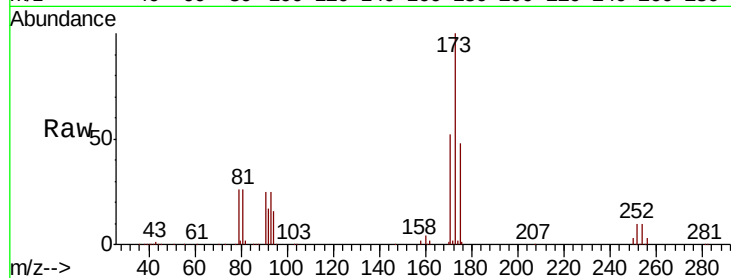
#71
Bromoform
Concen: 126.914 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.4
254	0.1	0.0	0.0#

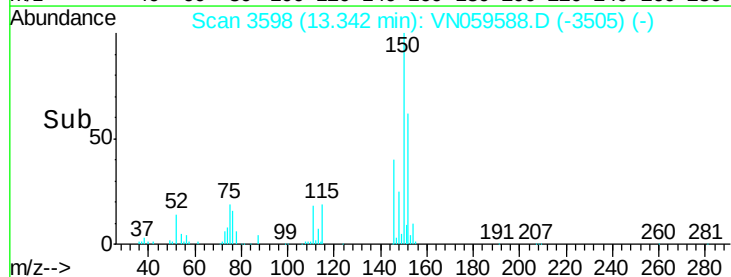
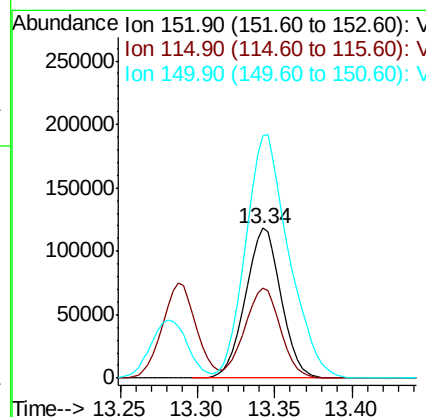
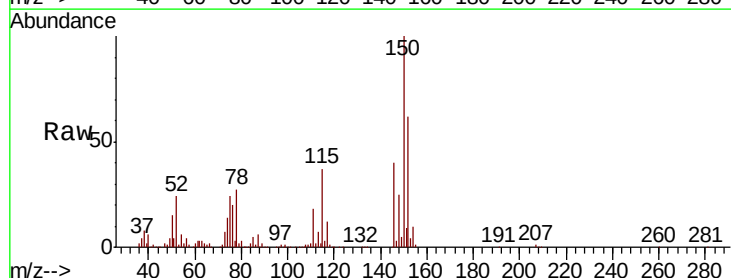
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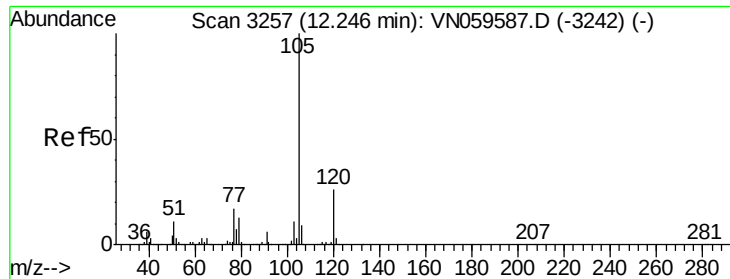
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.3	90.9
150	196.4	0.0	345.2





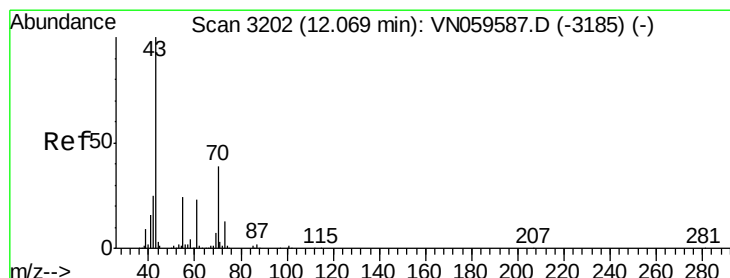
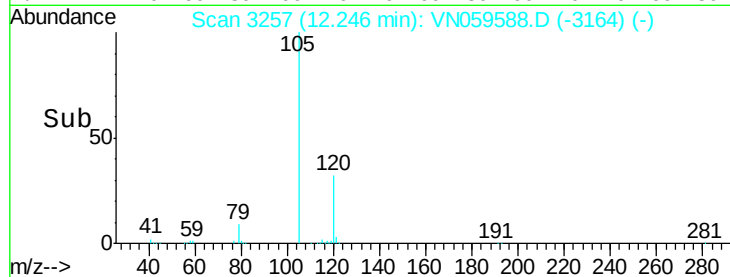
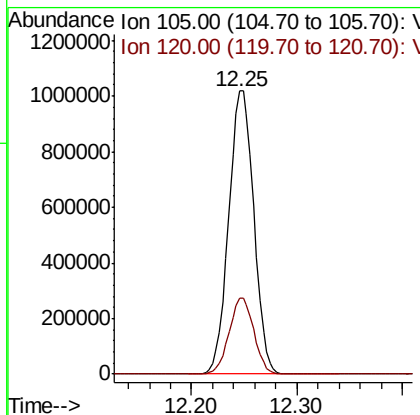
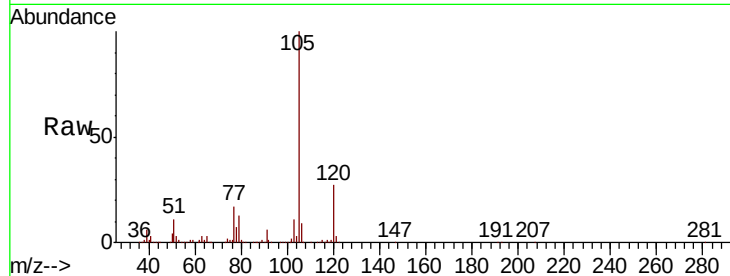
#73
Isopropylbenzene
Concen: 113.077 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion:105 Resp: 1672348
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5

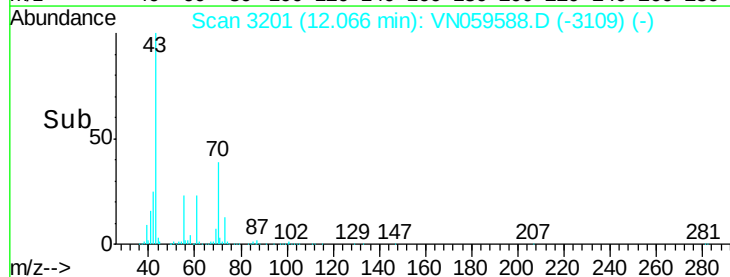
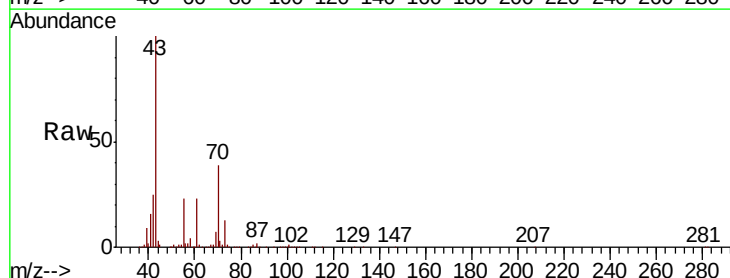
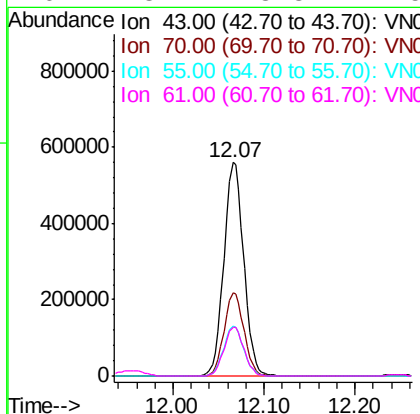
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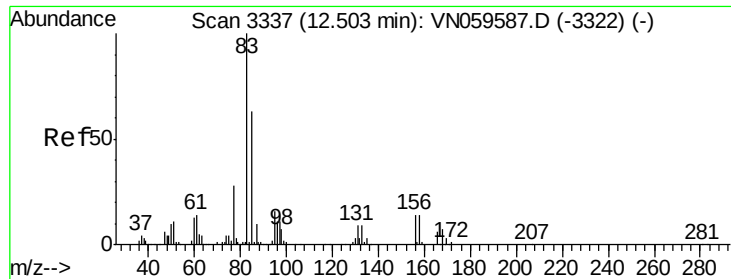
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#74
N-ethyl acetate
Concen: 130.788 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion: 43 Resp: 847452
Ion Ratio Lower Upper
43 100
70 38.9 31.3 46.9
55 23.7 19.8 29.6
61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 107.365 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

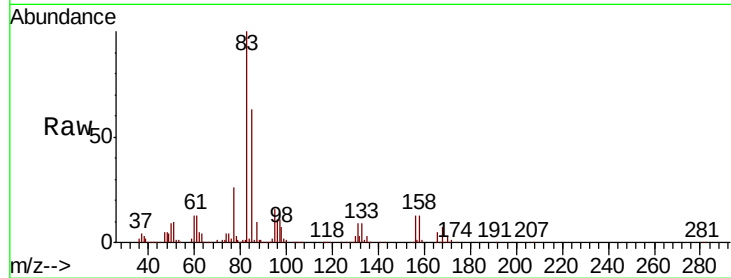
ClientSampleId :

VSTDIC100

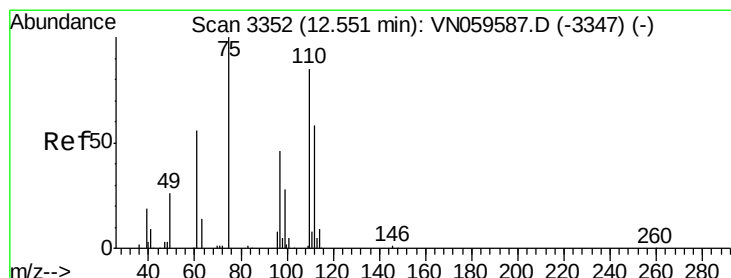
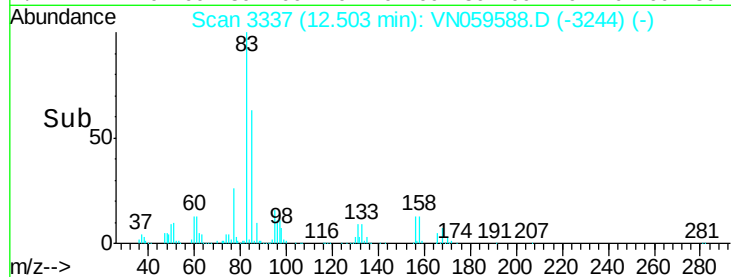
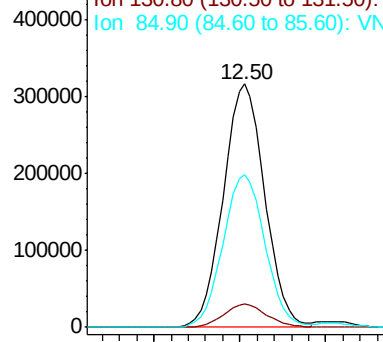
Tot Ion:	83	Resp:	529920
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	63.6	31.9	95.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN059588.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 105.567 ug/l m

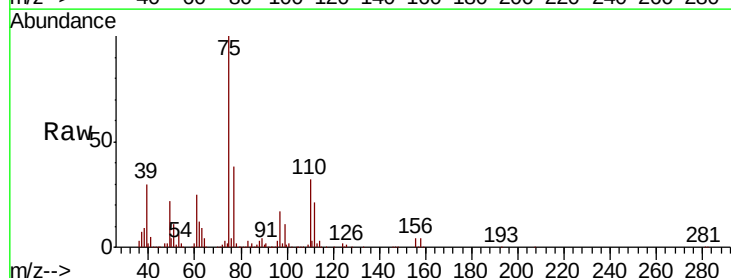
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

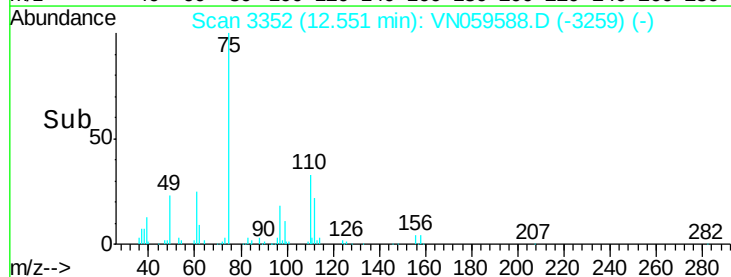
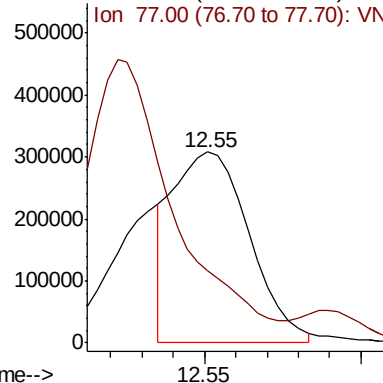
Lab File: VN059588.D

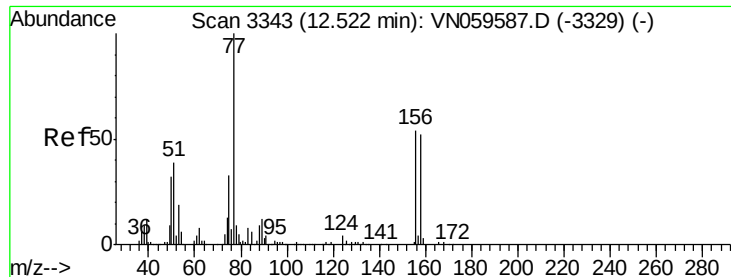
Acq: 13 Dec 2019 17:06

Tgt Ion:	75	Resp:	525525
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059588.D (-3352) (-)





#77

Bromobenzene

Concen: 108.964 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

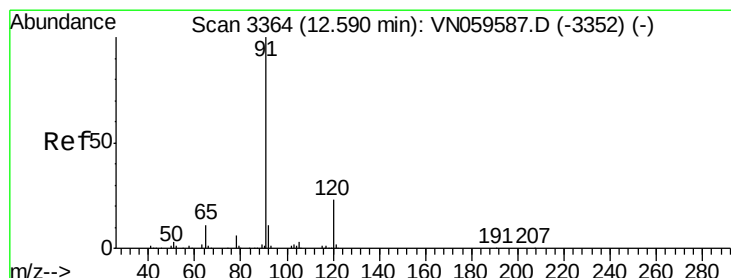
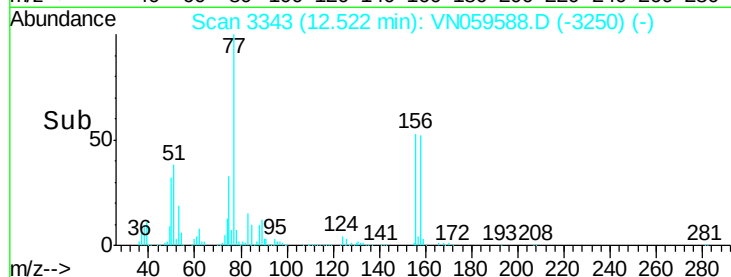
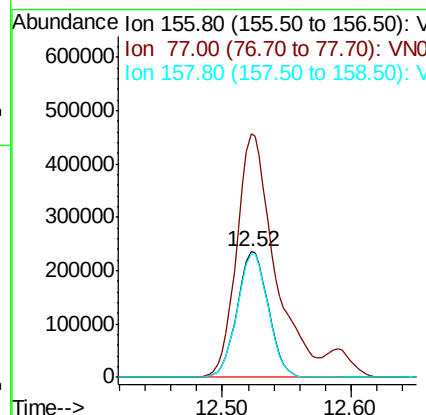
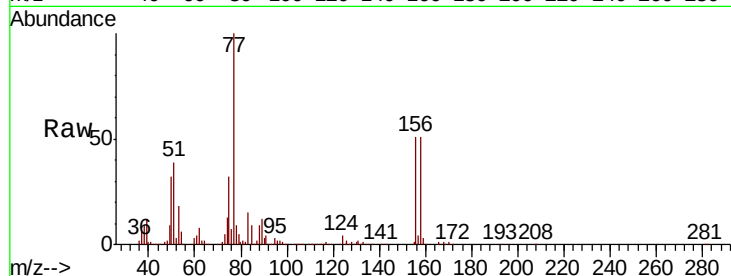
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	395278
Ion Ratio	Lower	Upper	
156	100		
77	235.5	115.8	347.4
158	98.3	49.2	147.6

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#78

n-propylbenzene

Concen: 110.334 ug/l

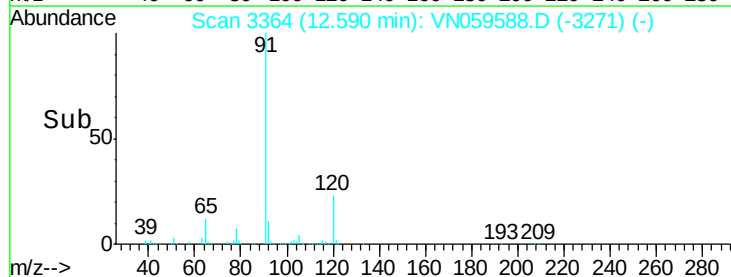
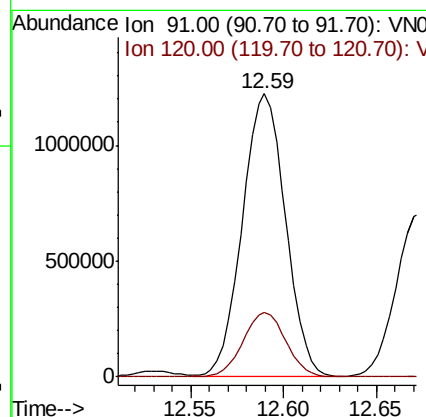
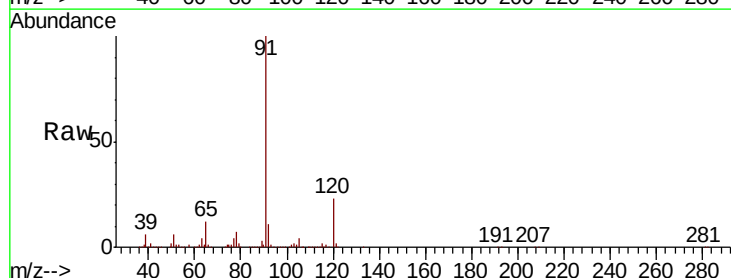
RT: 12.59 min Scan# 3364

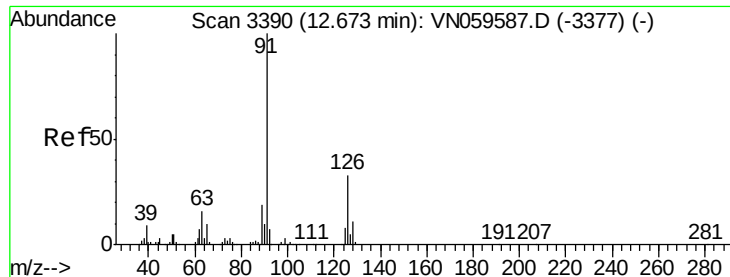
Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Tgt Ion:	91	Resp:	1983616
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.1	33.3





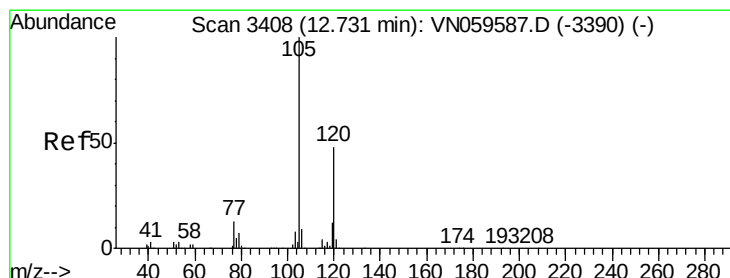
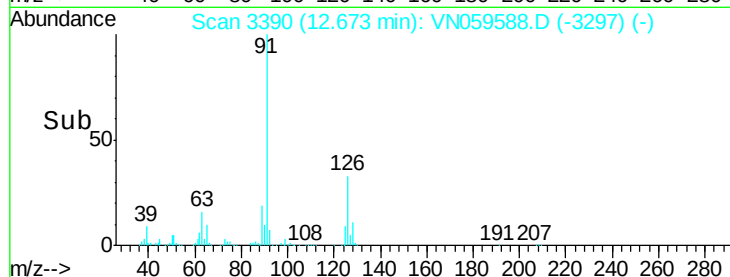
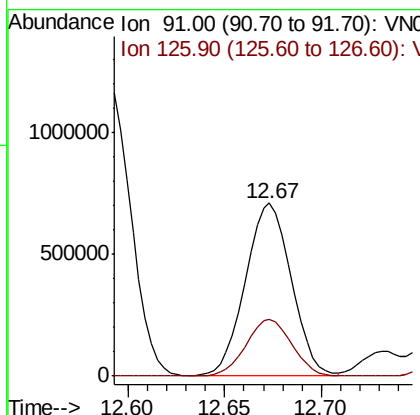
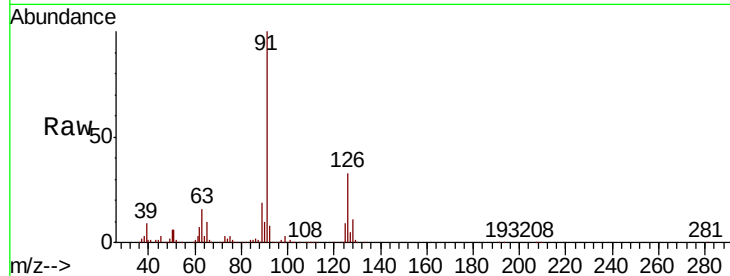
#79
 2-Chlorotoluene
 Concen: 109.594 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1176078
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9

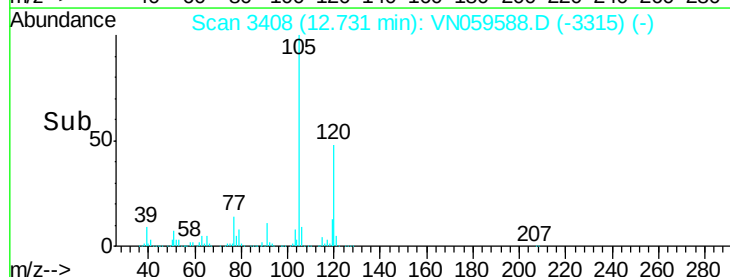
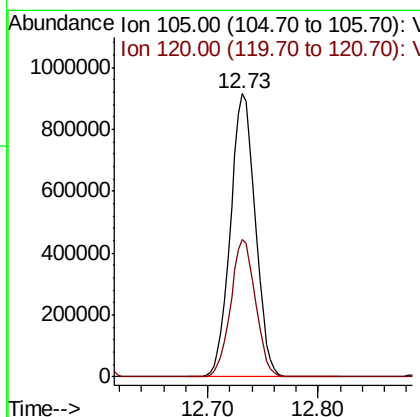
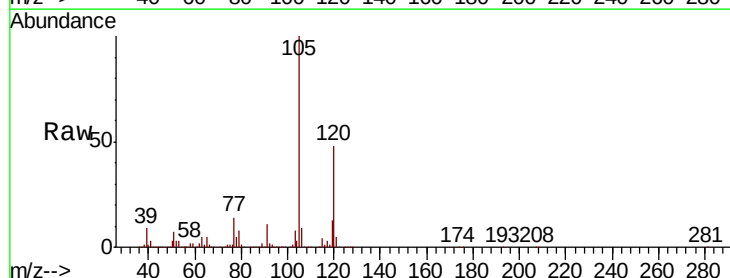
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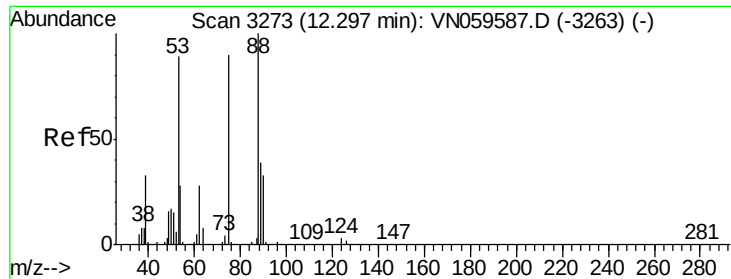
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#80
 1,3,5-Trimethylbenzene
 Concen: 114.473 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion: 105 Resp: 1432576
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 117.824 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 222079

Ion Ratio Lower Upper

75 100

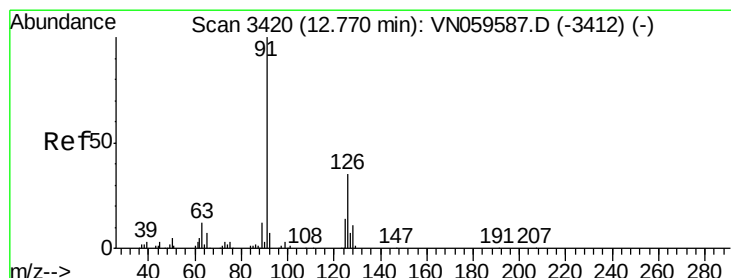
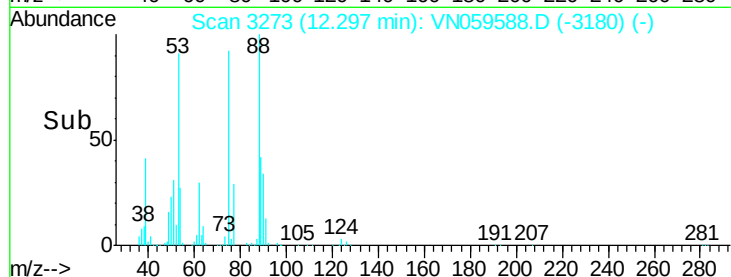
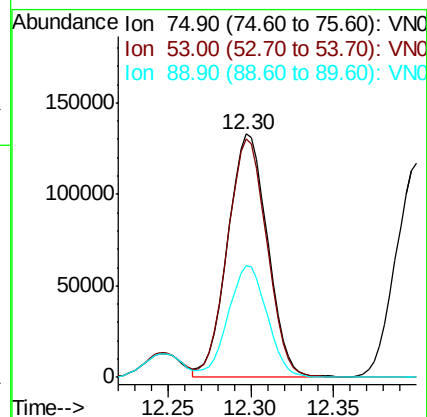
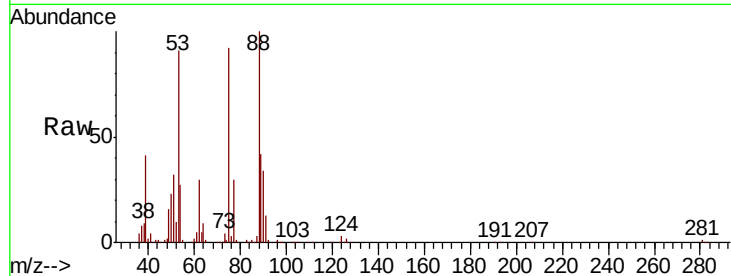
53 97.5 78.1 117.1

89 44.9 35.4 53.2

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#82

4-Chlorotoluene

Concen: 112.285 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN059588.D

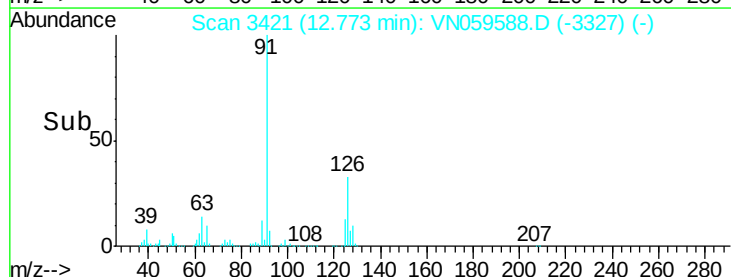
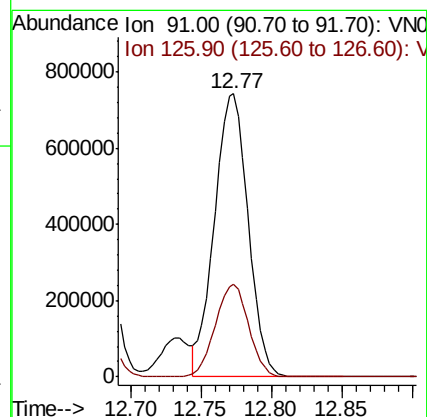
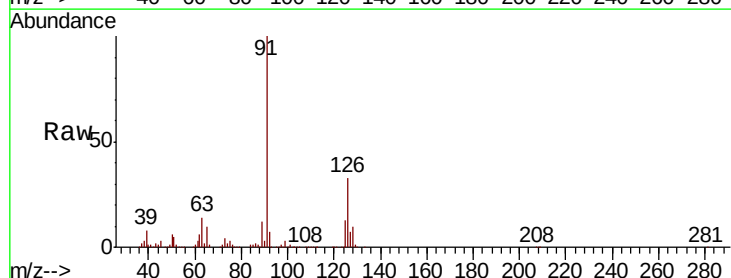
Acq: 13 Dec 2019 17:06

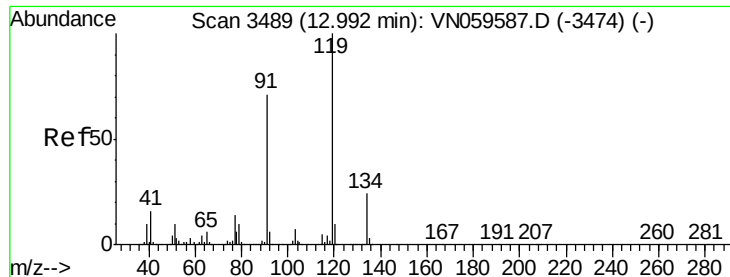
Tgt Ion: 91 Resp: 1227360

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8





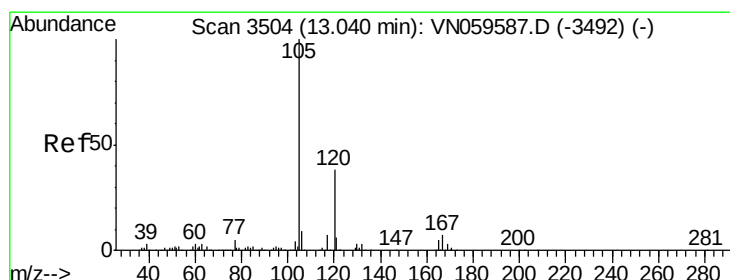
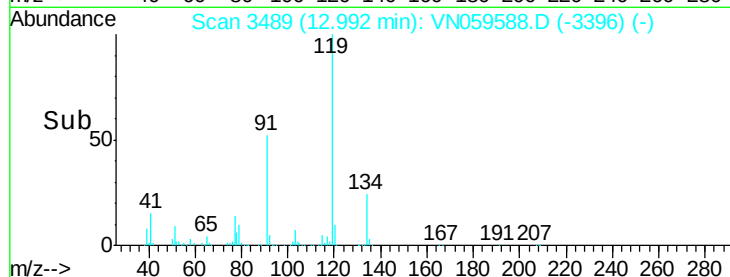
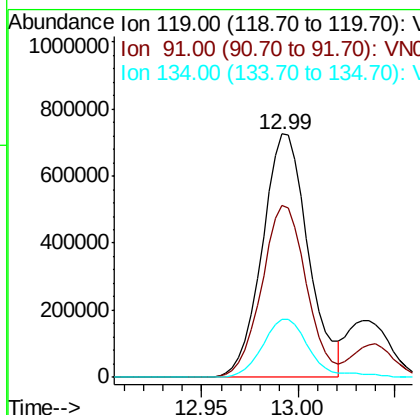
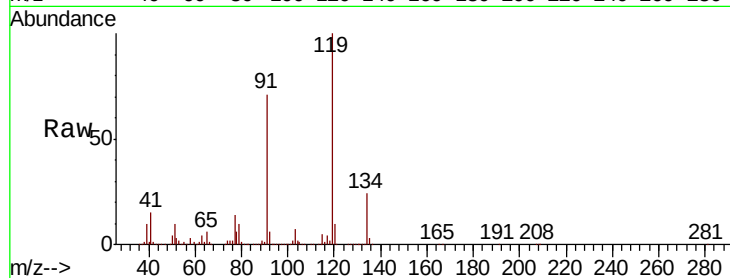
#83
 tert-Butylbenzene
 Concen: 115.333 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.8	104.4
134	24.6	12.3	36.9

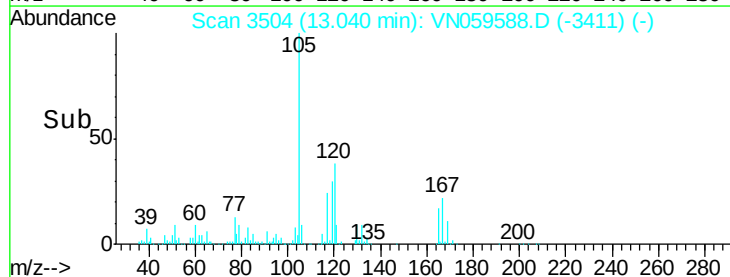
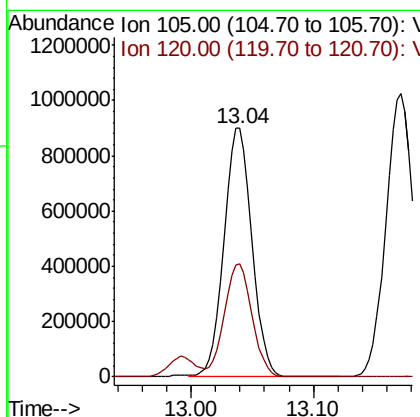
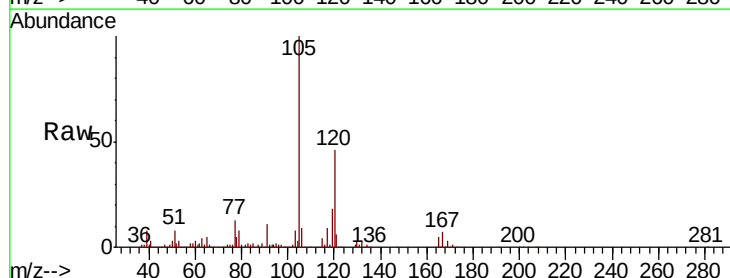
Manual Integrations
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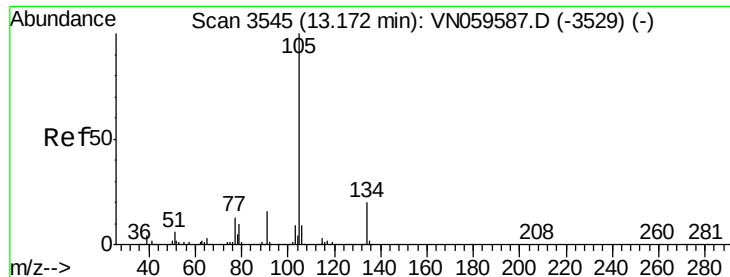
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#84
 1,2,4-Trimethylbenzene
 Concen: 116.978 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.9





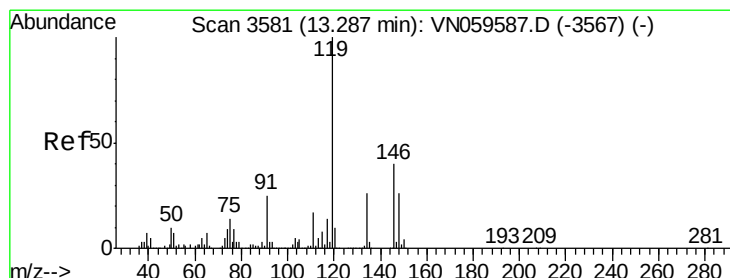
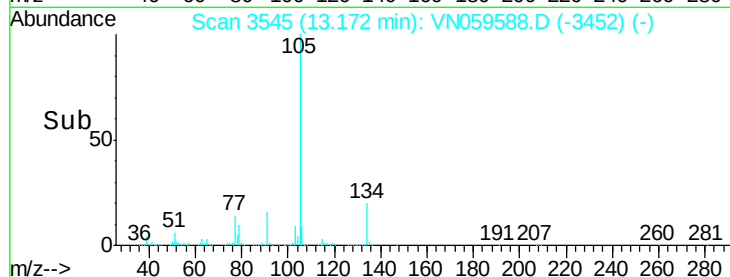
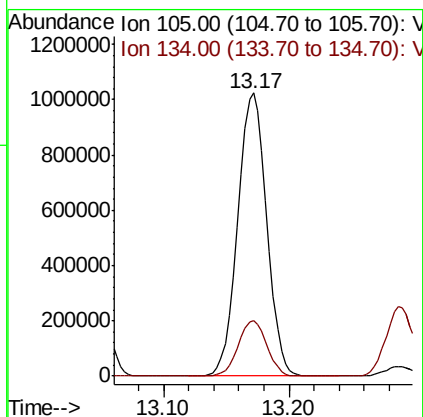
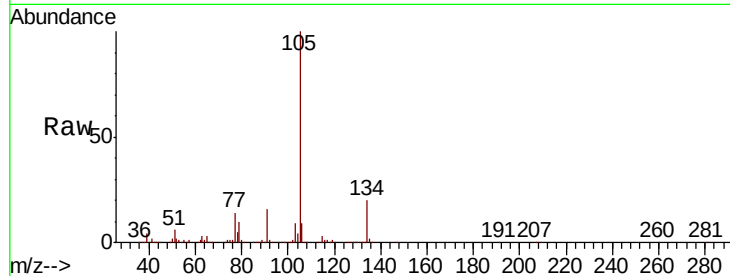
#85
 sec-Butylbenzene
 Concen: 114.610 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

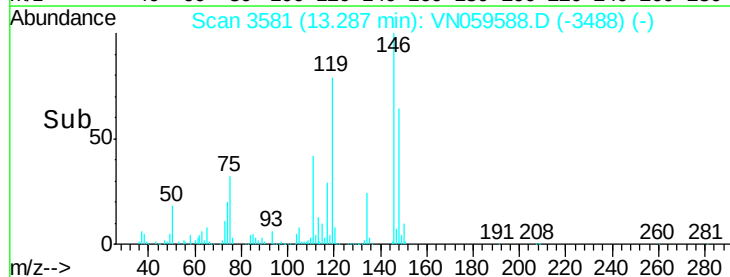
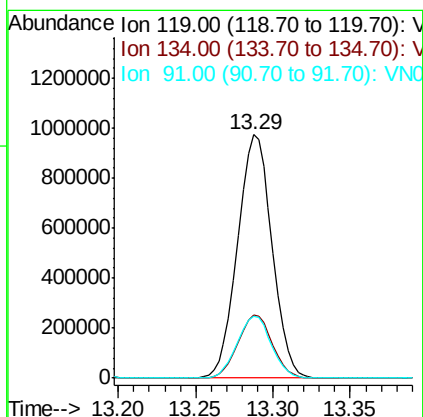
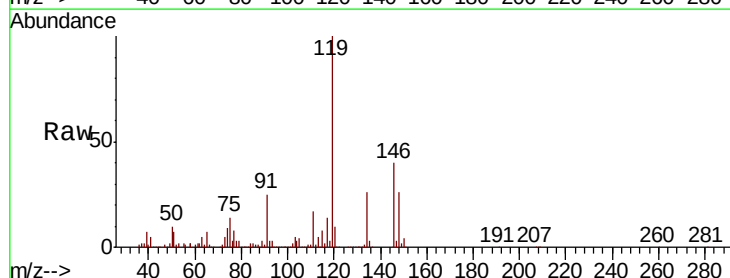
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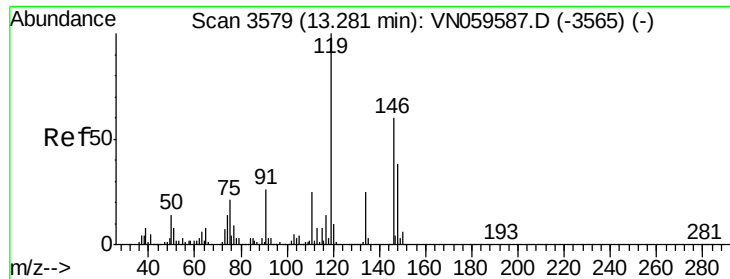
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#86
 p-Isopropyltoluene
 Concen: 118.137 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	25.4	12.4	37.4





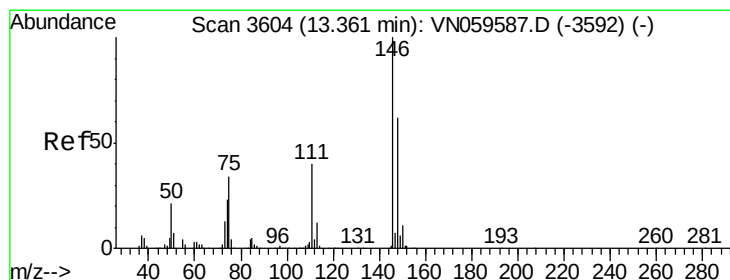
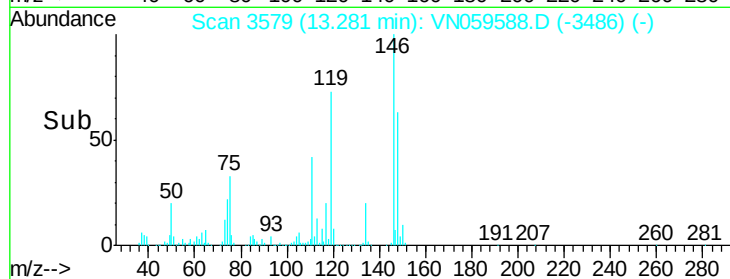
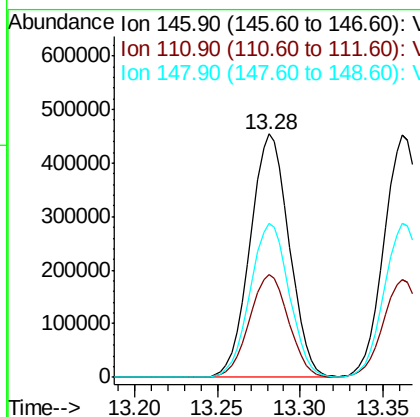
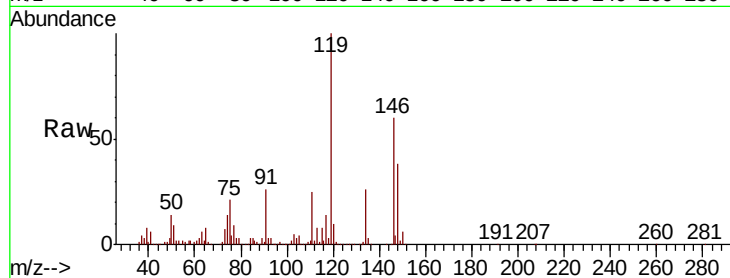
#87
 1,3-Dichlorobenzene
 Concen: 111.911 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.2
148	63.3	32.0	96.0

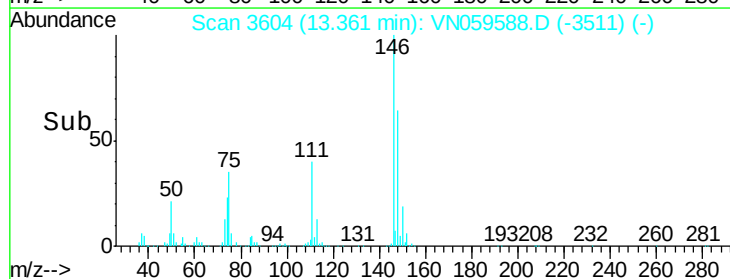
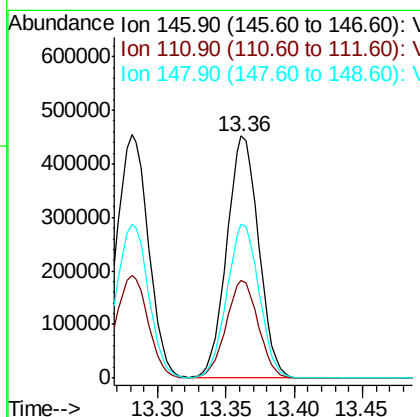
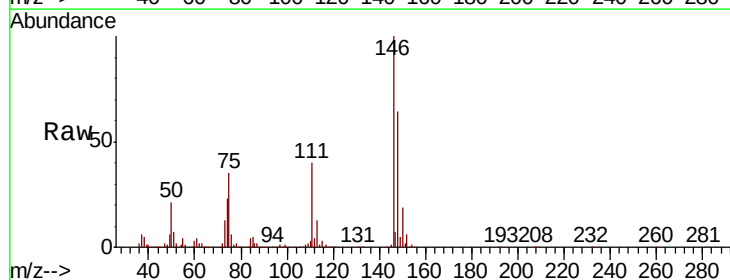
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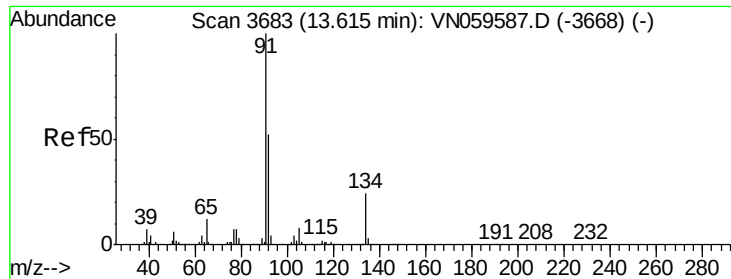
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#88
 1,4-Dichlorobenzene
 Concen: 113.021 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.2
148	64.2	31.8	95.4





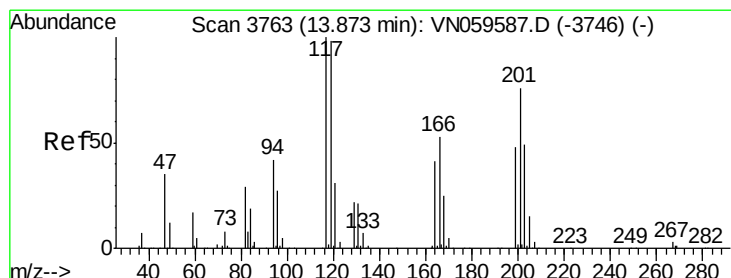
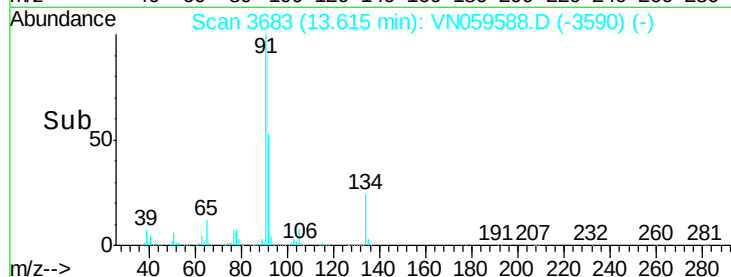
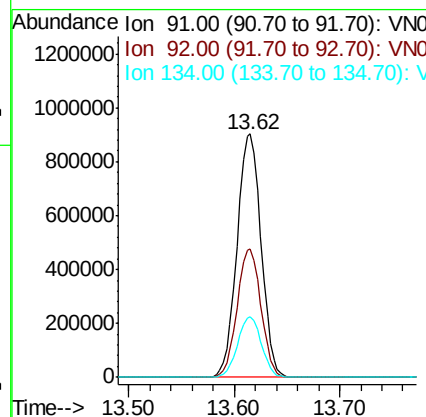
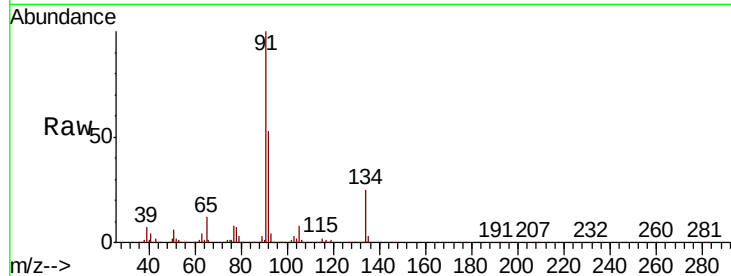
#89
n-Butylbenzene
Concen: 118.524 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1422473
Ion Ratio Lower Upper
91 100
92 52.3 25.9 77.7
134 24.7 12.3 36.8

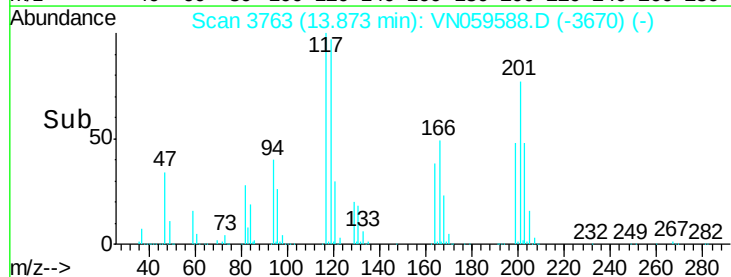
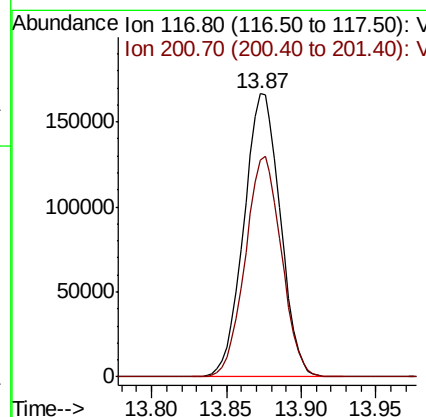
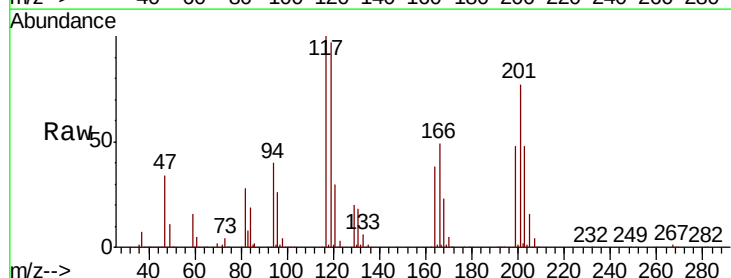
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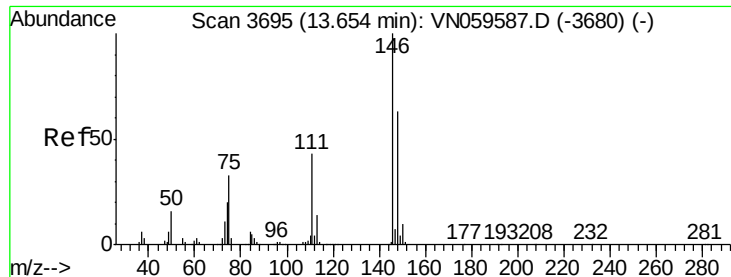
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#90
Hexachloroethane
Concen: 119.916 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion: 117 Resp: 282147
Ion Ratio Lower Upper
117 100
201 77.4 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 114.693 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Instrument :

MSVOA_N

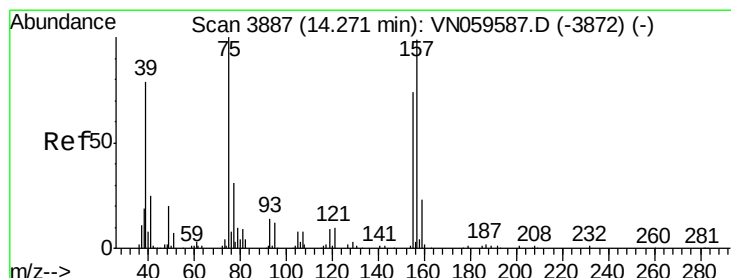
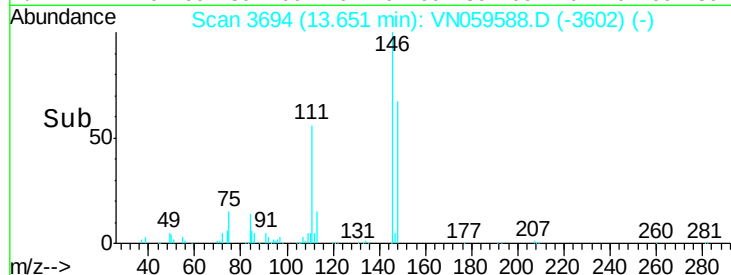
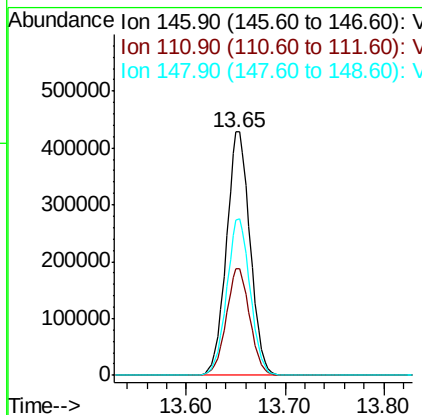
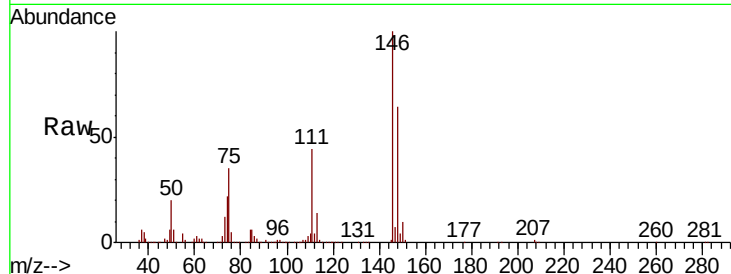
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	718208
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.6	64.8
148	63.9	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 107.101 ug/l

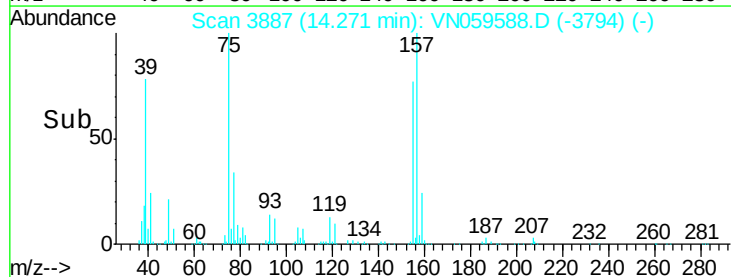
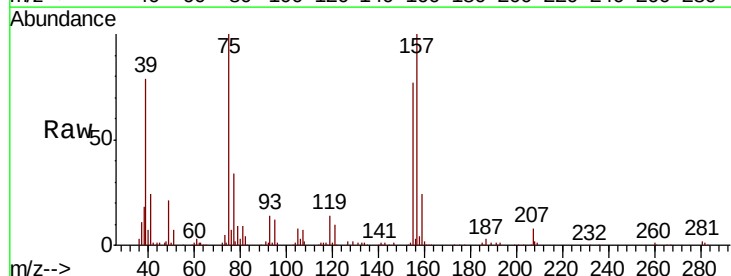
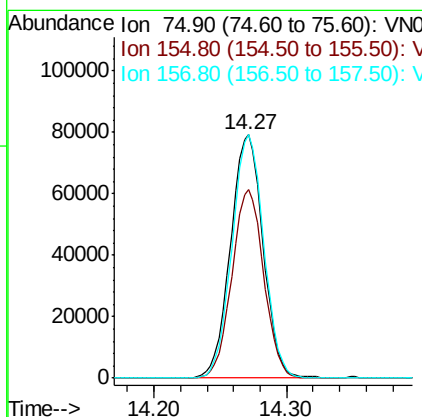
RT: 14.27 min Scan# 3887

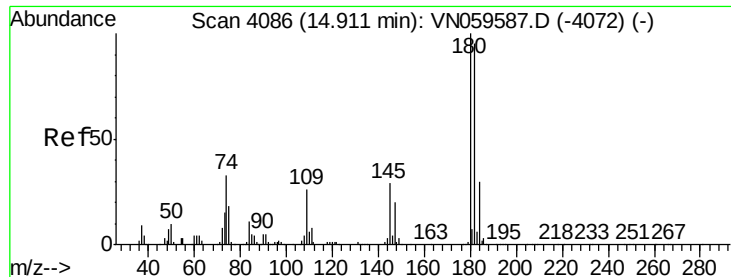
Delta R.T. -0.00 min

Lab File: VN059588.D

Acq: 13 Dec 2019 17:06

Tgt Ion:	75	Resp:	134041
Ion Ratio	Lower	Upper	
75	100		
155	76.1	37.0	110.9
157	98.0	48.4	145.2





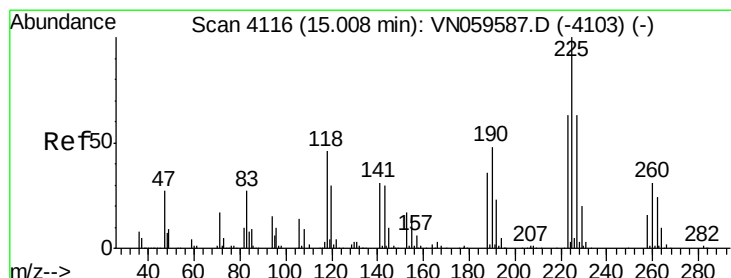
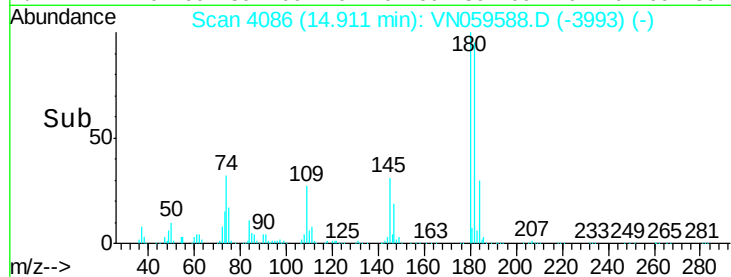
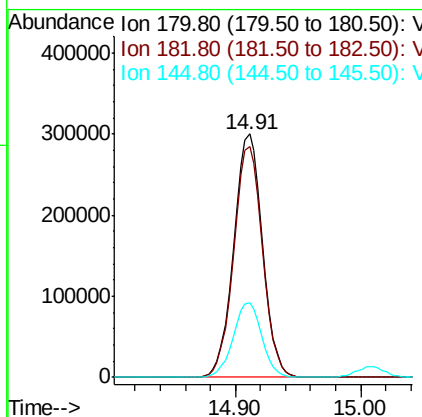
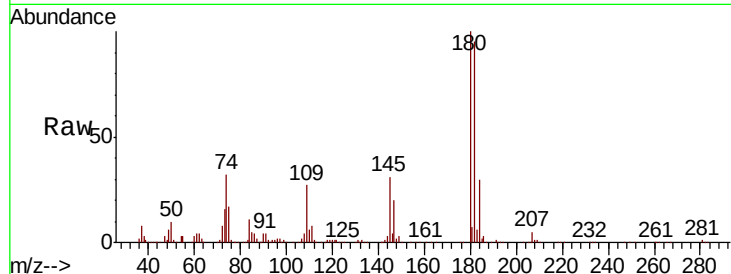
#93
 1,2,4-Trichlorobenzene
 Concen: 112.007 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	477092		
182	95.1	46.9	140.7	
145	30.6	15.0	45.1	

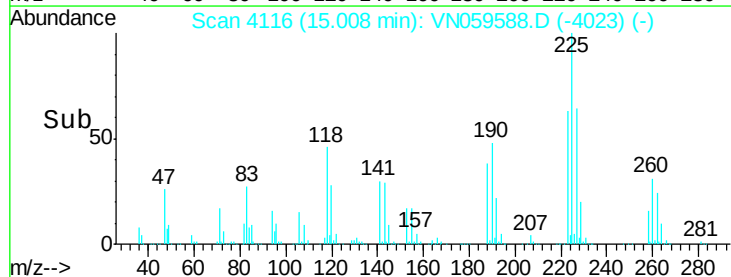
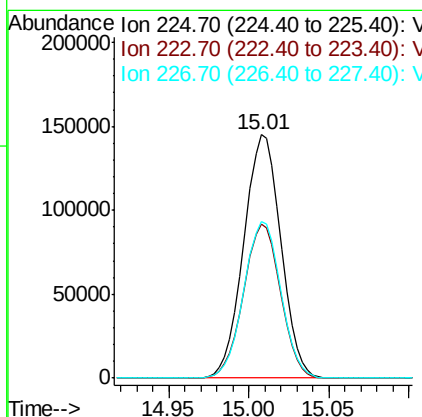
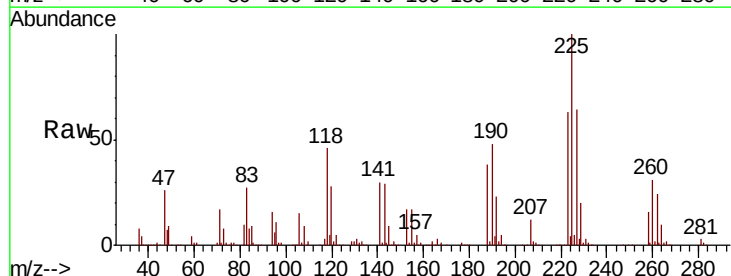
Manual Integrations
 APPROVED

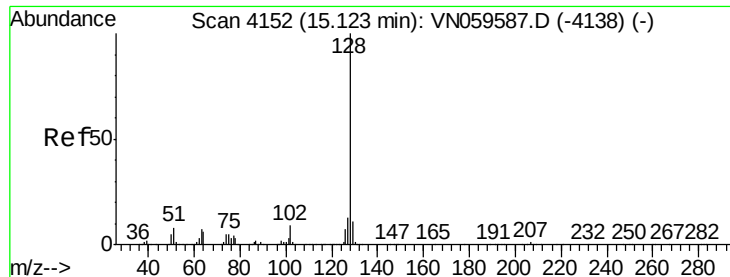
apatel
 12/16/2019 12:48:59 PM



#94
 Hexachlorobutadiene
 Concen: 106.772 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN059588.D
 Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	229605		
223	63.2	31.8	95.3	
227	64.2	32.1	96.5	





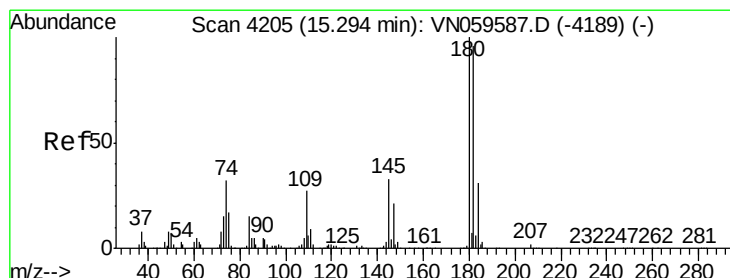
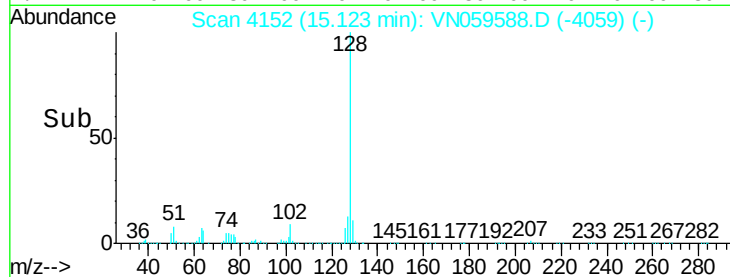
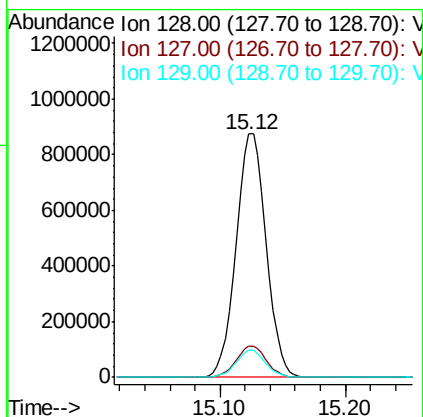
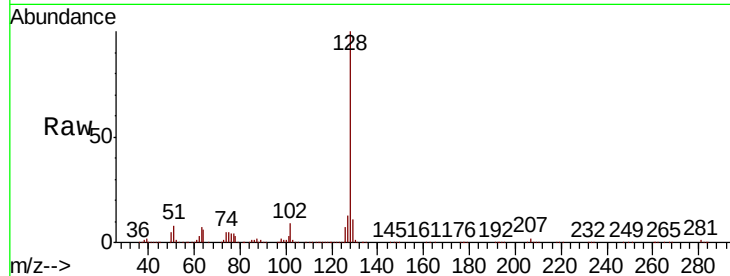
#95
Naphthalene
Concen: 115.662 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
APPROVED

apatel
12/16/2019 12:48:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 104.394 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059588.D
Acq: 13 Dec 2019 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.3
145	32.1	16.3	48.9

