

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059581.D
 Acq On : 12 Dec 2019 18:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/13/2019 2:17:18 PM

Quant Time: Dec 13 09:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	256835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	409573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	375092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	193381	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	7.57	113	135743	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
50) Toluene-d8	10.08	98	534637	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.40	95	194524	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123279	41.615	ug/l	98
3) Chloromethane	2.04	50	201597	44.956	ug/l	99
4) Vinyl Chloride	2.17	62	200636	45.393	ug/l	99
5) Bromomethane	2.50	94	90007	33.432	ug/l	98
6) Chloroethane	2.66	64	117285	44.437	ug/l	95
7) Trichlorofluoromethane	2.98	101	237938	45.032	ug/l	98
8) Diethyl Ether	3.38	74	73617	40.655	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	116925	42.521	ug/l	98
10) Methyl Iodide	3.92	142	152320	40.909	ug/l	99
11) Tert butyl alcohol	4.75	59	110118	185.431	ug/l	100
12) 1,1-Dichloroethene	3.71	96	112013	41.903	ug/l	98
13) Acrolein	3.58	56	63678	220.351	ug/l	100
14) Allyl chloride	4.29	41	223060	43.377	ug/l	99
15) Acrylonitrile	4.95	53	355512	226.983	ug/l	99
16) Acetone	3.79	43	313758	187.112	ug/l	100
17) Carbon Disulfide	4.02	76	342915	40.354	ug/l	99
18) Methyl Acetate	4.29	43	191821	43.571	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	411967	46.362	ug/l	98
20) Methylene Chloride	4.52	84	133979	44.307	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	125368	43.696	ug/l	97
22) Diisopropyl ether	5.92	45	443518	45.306	ug/l	97
23) Vinyl Acetate	5.86	43	1935297	236.993	ug/l	100
24) 1,1-Dichloroethane	5.81	63	250190	45.014	ug/l	99
25) 2-Butanone	6.80	43	491449	217.736	ug/l	100
26) 2,2-Dichloropropane	6.79	77	216809	43.178	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	143170	44.365	ug/l	99
28) Bromochloromethane	7.17	49	102709	48.502	ug/l	98
29) Tetrahydrofuran	7.18	42	332637	211.871	ug/l	100
30) Chloroform	7.35	83	246225	44.887	ug/l	97
31) Cyclohexane	7.63	56	221775	41.002	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	219448	45.095	ug/l	99
36) 1,1-Dichloropropene	7.77	75	187883	44.712	ug/l	99
37) Ethyl Acetate	6.90	43	209747	43.026	ug/l	100
38) Carbon Tetrachloride	7.75	117	191250	46.175	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	212597	45.104	ug/l	99
40) Benzene	8.02	78	539584	44.950	ug/l	99
41) Methacrylonitrile	7.15	41	88302m	43.241	ug/l	
42) 1,2-Dichloroethane	8.10	62	209561	46.855	ug/l	99
43) Isopropyl Acetate	8.14	43	334322	46.090	ug/l	99
44) Trichloroethene	8.82	130	138866	45.790	ug/l	98
45) 1,2-Dichloropropane	9.10	63	146650	46.116	ug/l	99
46) Dibromomethane	9.19	93	94986	45.197	ug/l	99
47) Bromodichloromethane	9.39	83	194324	46.525	ug/l	100
48) Methyl methacrylate	9.18	41	153789	48.489	ug/l	98
49) 1,4-Dioxane	9.19	88	30648	755.258	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	1019652	221.145	ug/l	99
52) Toluene	10.14	92	329039	46.004	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	227025	46.651	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	235786	47.340	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	132301	45.736	ug/l	99
56) Ethyl methacrylate	10.42	69	202803	41.094	ug/l	100
57) 1,3-Dichloropropane	10.70	76	233381	47.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	216734	182.893	ug/l	100
59) 2-Hexanone	10.74	43	775101	220.447	ug/l	100
60) Dibromochloromethane	10.90	129	146284	42.531	ug/l	99
61) 1,2-Dibromoethane	11.00	107	138438	45.971	ug/l	99
64) Tetrachloroethene	10.62	164	124675	45.479	ug/l	97
65) Chlorobenzene	11.43	112	346720	44.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	133300	45.475	ug/l	100
67) Ethyl Benzene	11.51	91	637878	45.102	ug/l	99
68) m/p-Xylenes	11.62	106	474111	89.363	ug/l	99
69) o-Xylene	11.94	106	223248	45.209	ug/l	96
70) Styrene	11.96	104	363022	44.374	ug/l	97
71) Bromoform	12.12	173	104984	45.518	ug/l #	100
73) Isopropylbenzene	12.25	105	606009	43.796	ug/l	100
74) N-amyl acetate	12.07	43	291797	48.412	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	197388	42.099	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	202372m	42.900	ug/l	
77) Bromobenzene	12.52	156	143535	41.667	ug/l	92
78) n-propylbenzene	12.59	91	720331	42.364	ug/l	99
79) 2-Chlorotoluene	12.67	91	422584	41.679	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	513537	43.280	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	75395	43.001	ug/l #	86
82) 4-Chlorotoluene	12.77	91	442146	42.648	ug/l	99
83) tert-Butylbenzene	12.99	119	431103	43.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	516587	44.092	ug/l	100
85) sec-Butylbenzene	13.17	105	584237	42.988	ug/l	99
86) p-Isopropyltoluene	13.29	119	533695	43.936	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	263905	41.593	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	266369	42.875	ug/l	99
89) n-Butylbenzene	13.61	91	497235	43.595	ug/l	99
90) Hexachloroethane	13.87	117	96896	43.435	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	263463	44.247	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47194	44.150	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	163209	39.630	ug/l	100
94) Hexachlorobutadiene	15.01	225	83759	39.810	ug/l	99
95) Naphthalene	15.12	128	483505	40.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	159250	40.196	ug/l	99

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

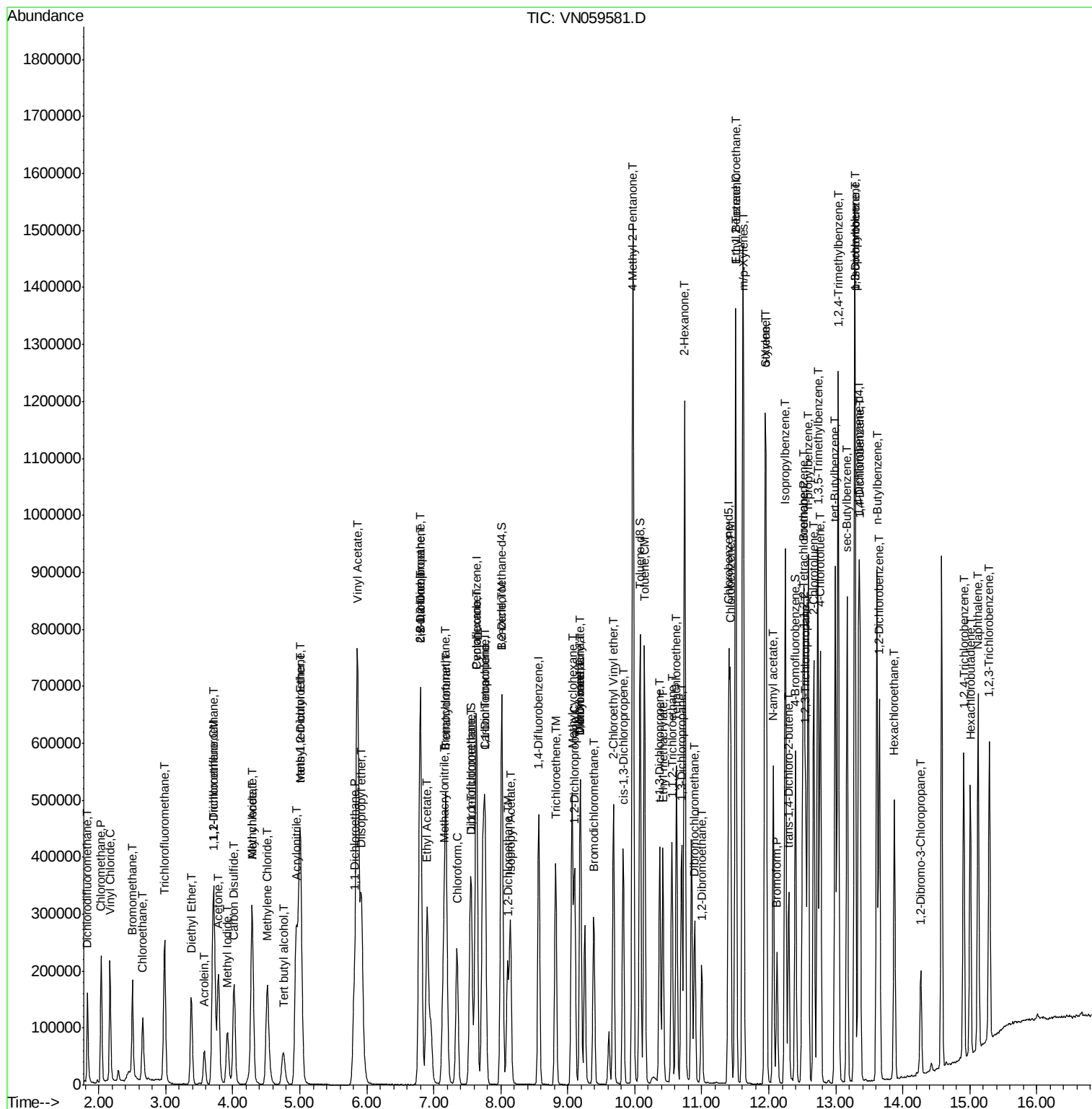
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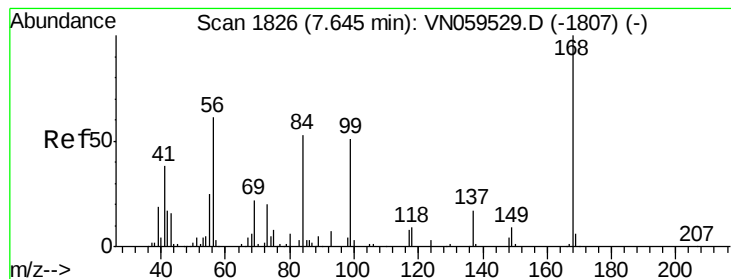
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 256835

Ion Ratio Lower Upper

168 100

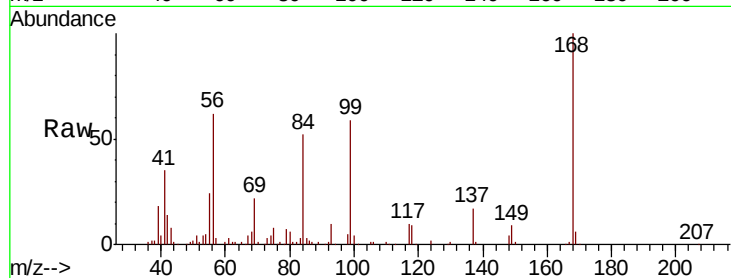
99 59.2 46.6 70.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN059529.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059529.D (-1807) (-)

7.64

120000

100000

80000

60000

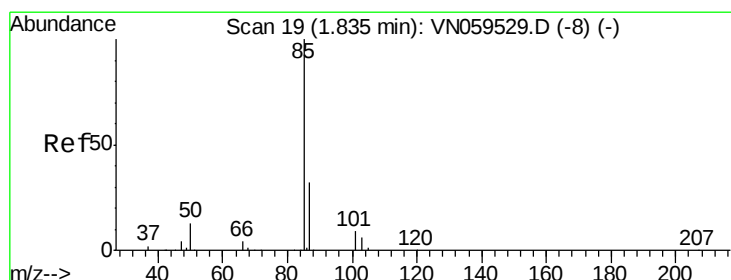
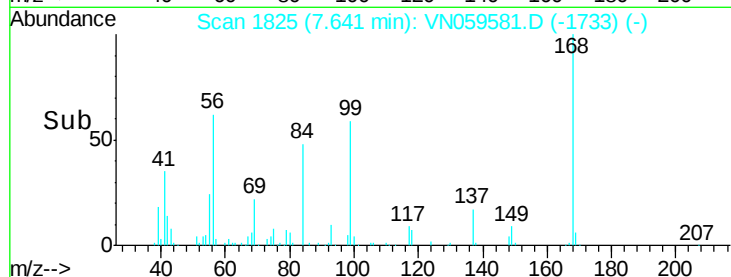
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.615 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059581.D

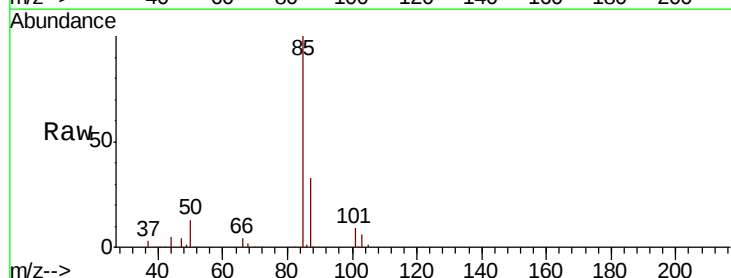
Acq: 12 Dec 2019 18:01

Tgt Ion: 85 Resp: 123279

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN059529.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059529.D (-8) (-)

1.83

100000

80000

60000

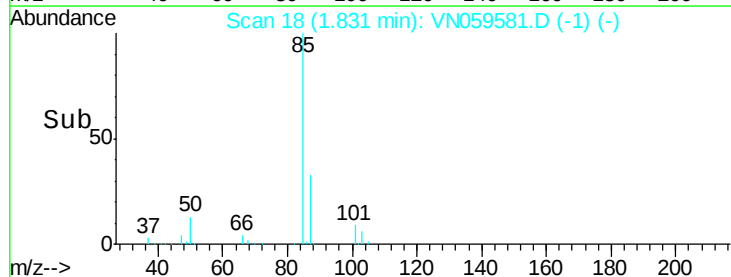
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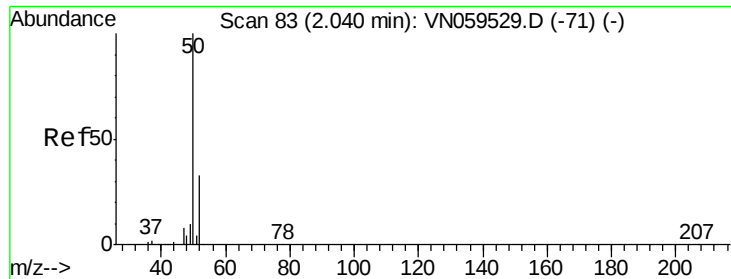
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 44.956 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 201597

Ion Ratio Lower Upper

50 100

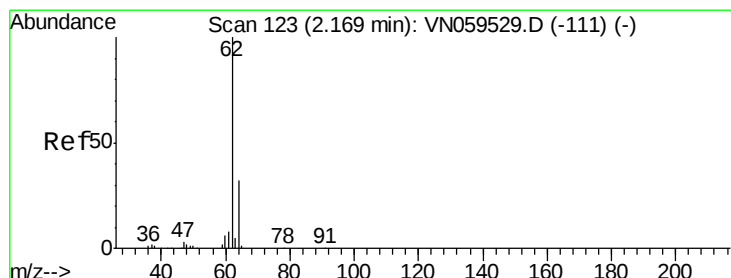
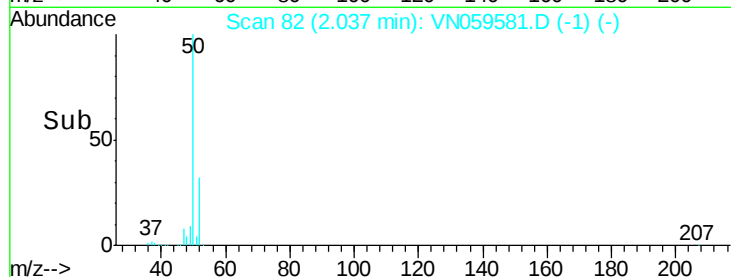
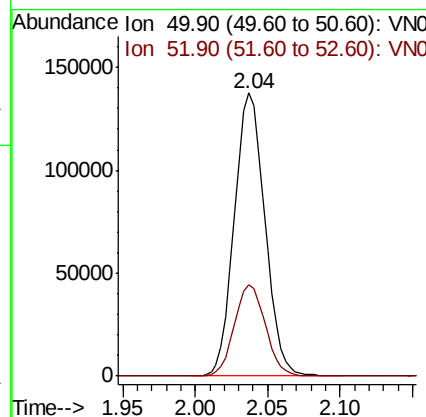
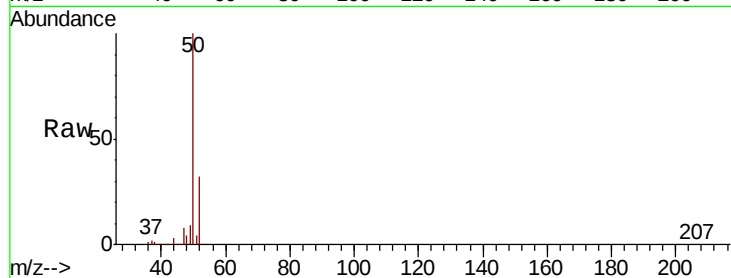
52 32.1 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.393 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059581.D

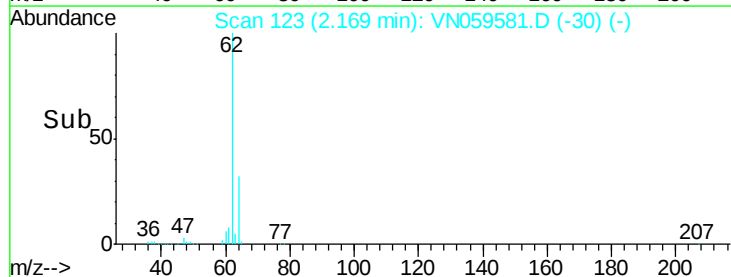
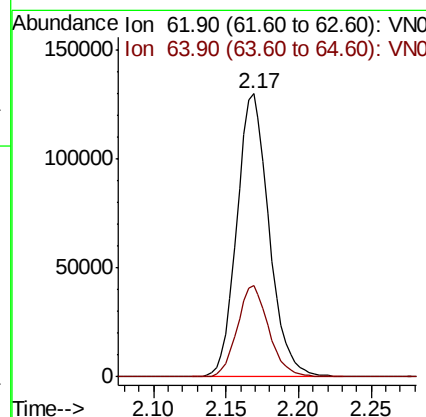
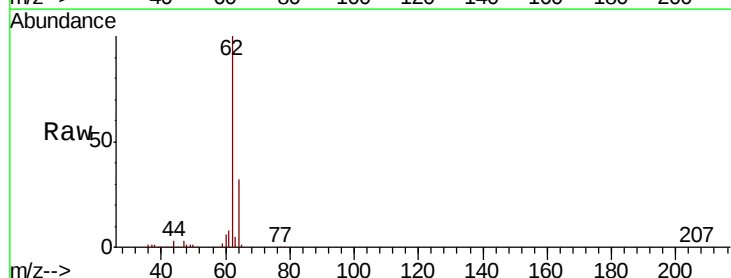
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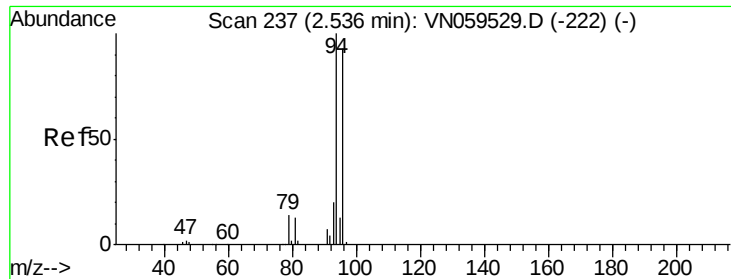
Tgt Ion: 62 Resp: 200636

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 33.432 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.03 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

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Tot Ion: 94 Resp: 90007

Ion Ratio Lower Upper

94 100

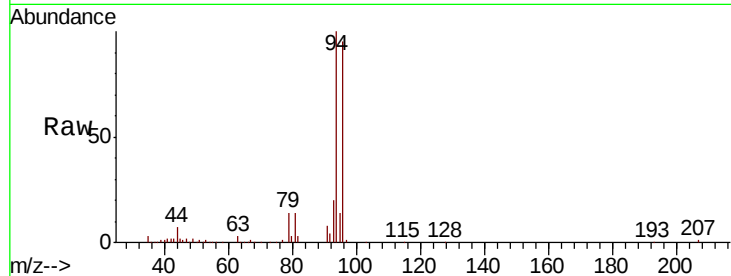
96 94.8 74.6 112.0

Manual Integrations

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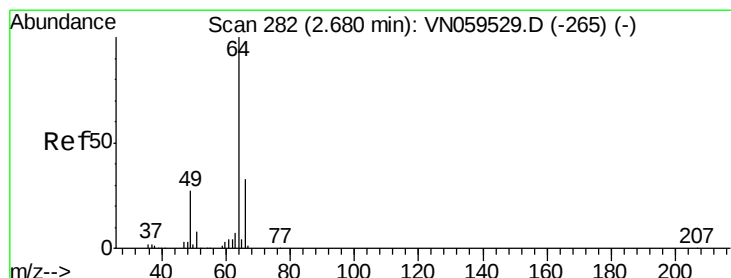
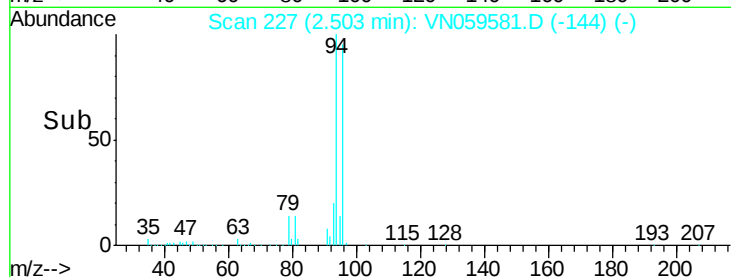
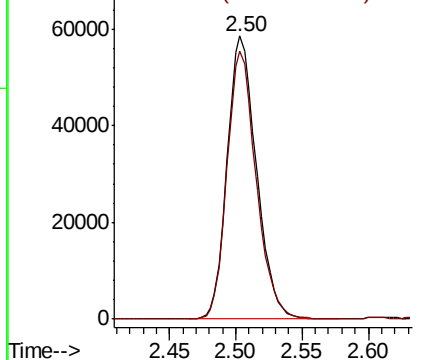
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.437 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.02 min

Lab File: VN059581.D

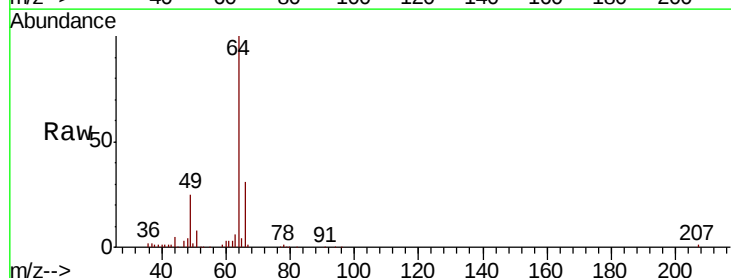
Acq: 12 Dec 2019 18:01

Tgt Ion: 64 Resp: 117285

Ion Ratio Lower Upper

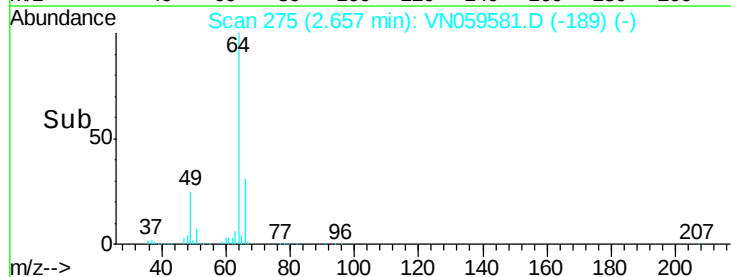
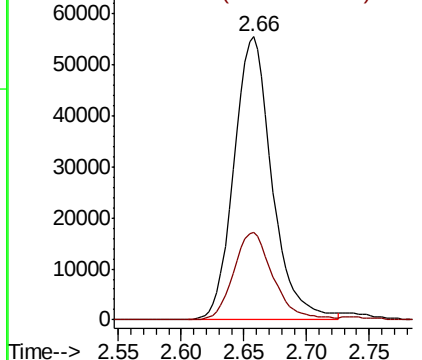
64 100

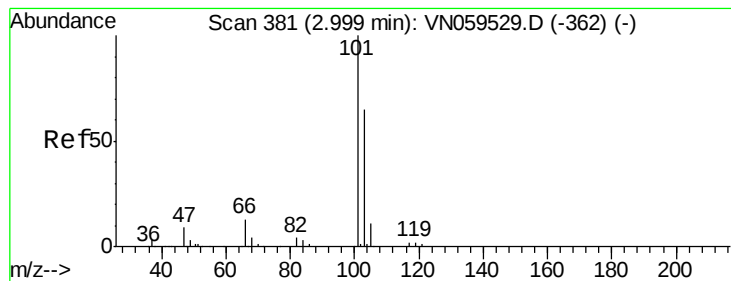
66 30.8 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

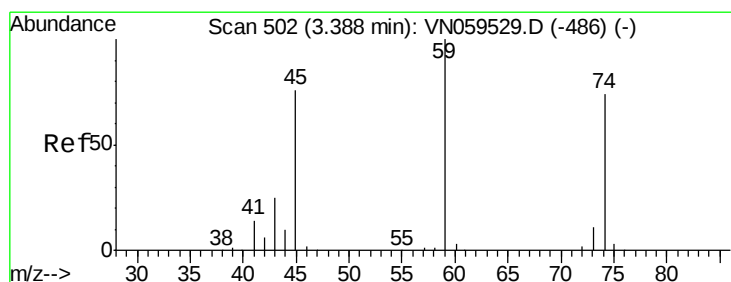
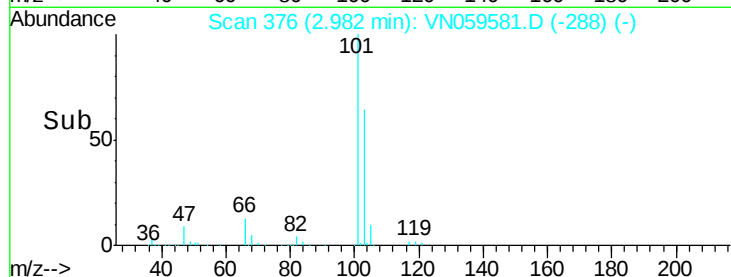
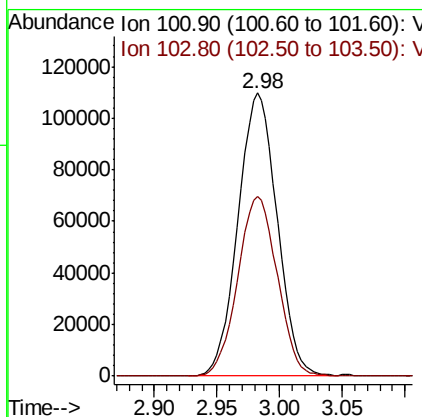
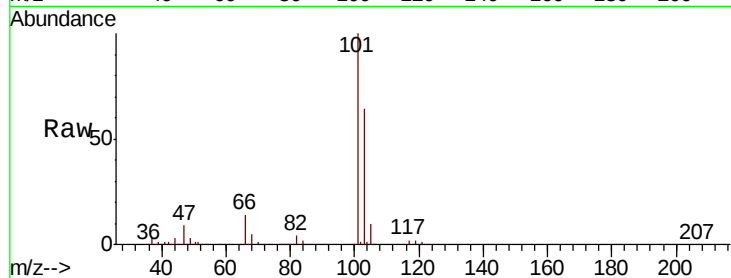
Trichlorofluoromethane
 Concen: 45.032 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.02 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.2	78.4

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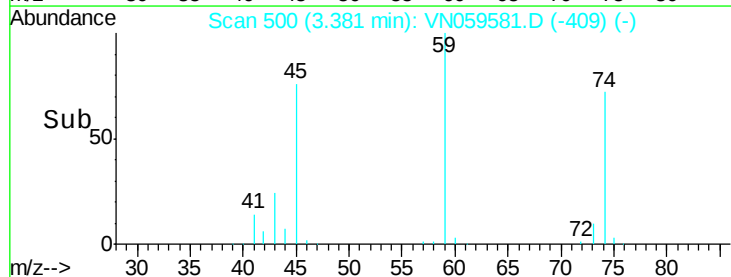
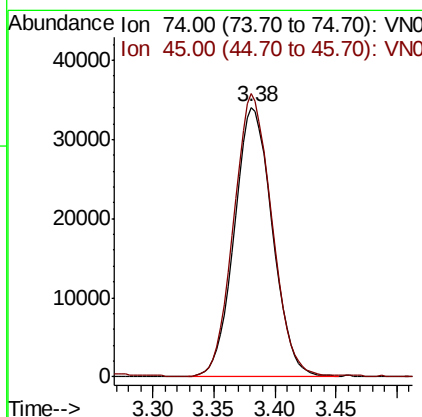
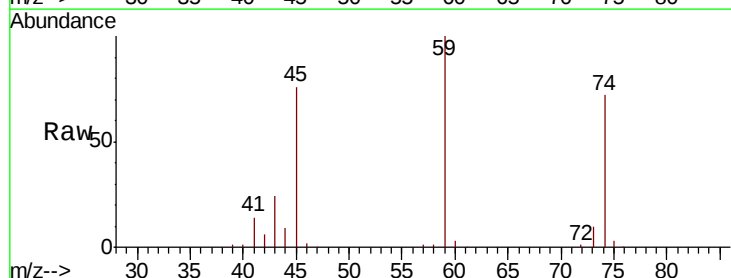
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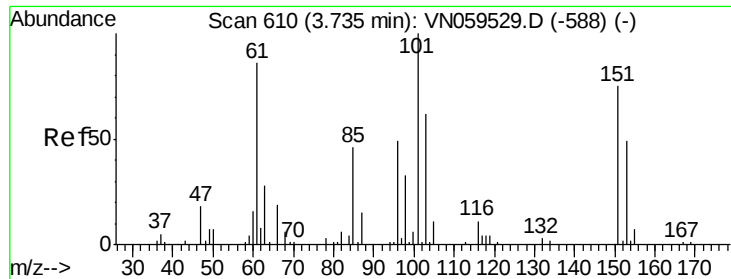


#8

Diethyl Ether
 Concen: 40.655 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.6	52.6	157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.521 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

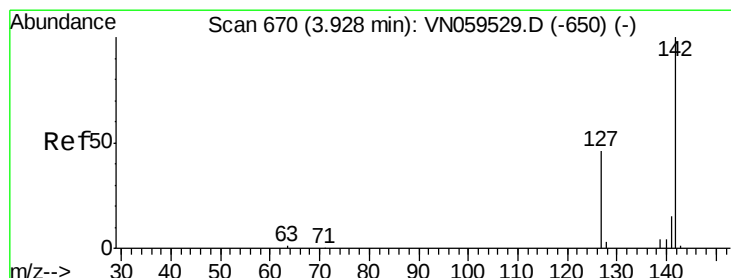
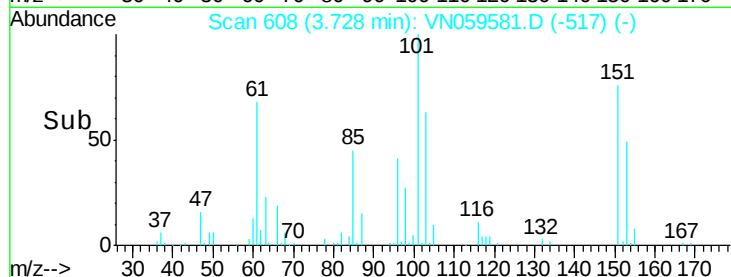
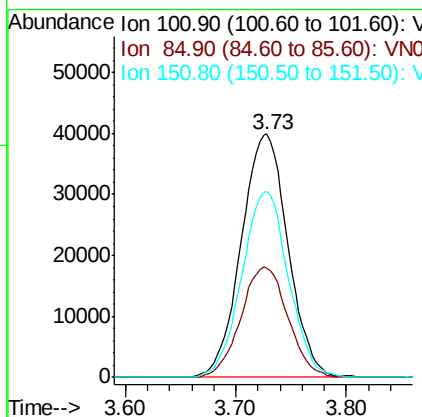
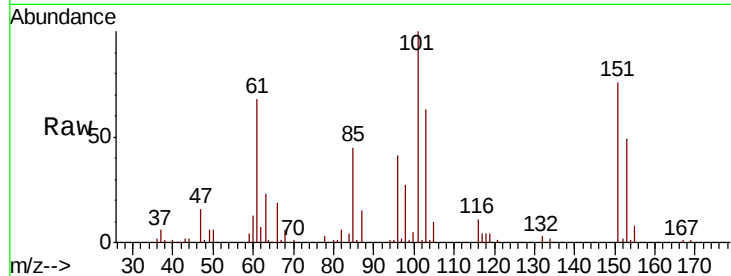
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	116925
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	76.4	59.3	88.9

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#10

Methyl Iodide

Concen: 40.909 ug/l

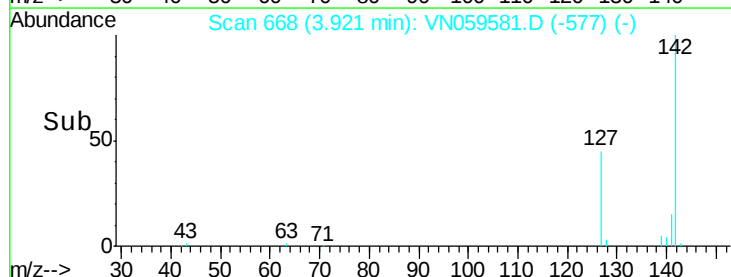
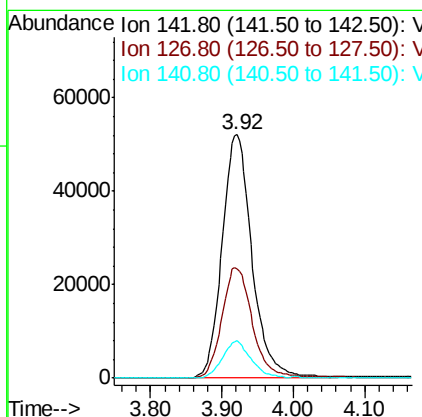
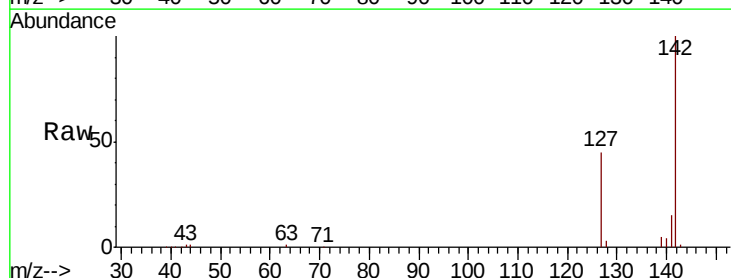
RT: 3.92 min Scan# 668

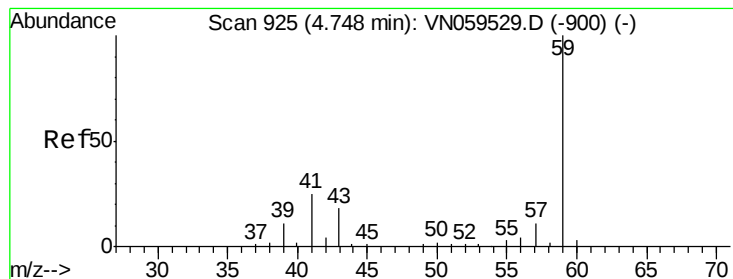
Delta R.T. -0.01 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	142	Resp:	152320
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	54.8
141	14.5	11.6	17.4





#11

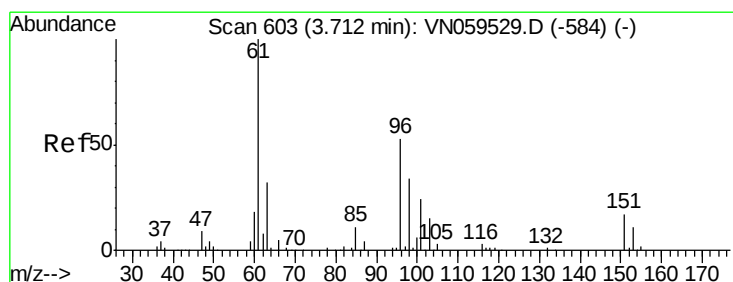
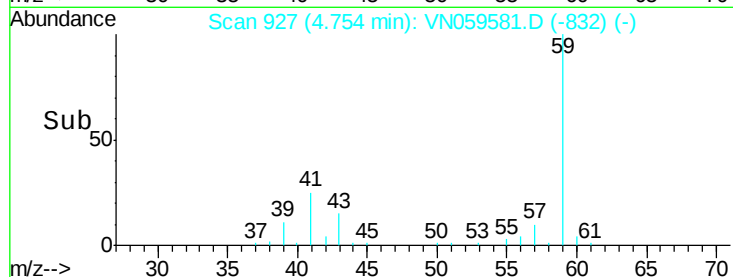
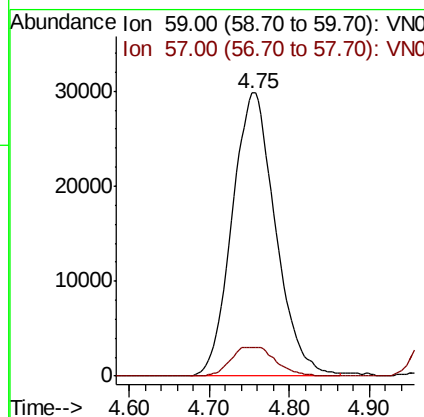
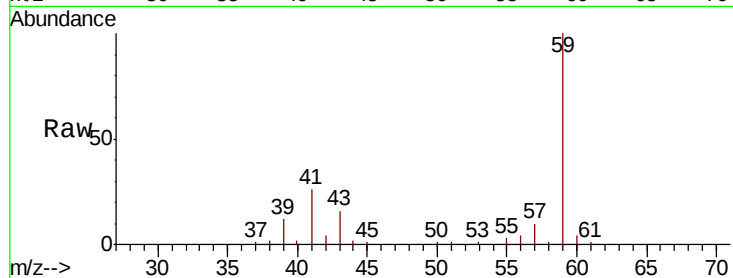
Tert butyl alcohol
Concen: 185.431 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	110118		
57	10.6		8.6	13.0

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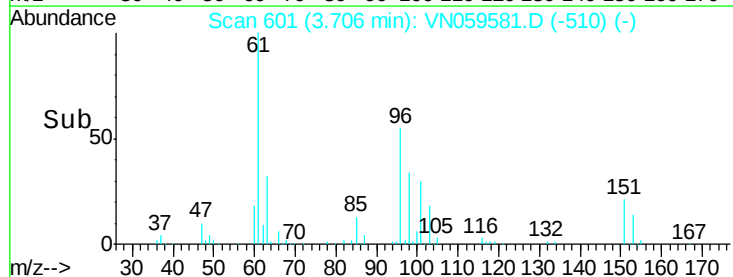
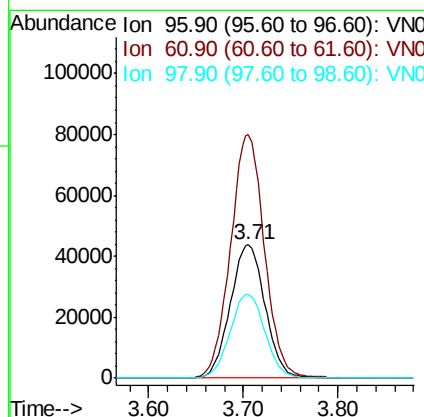
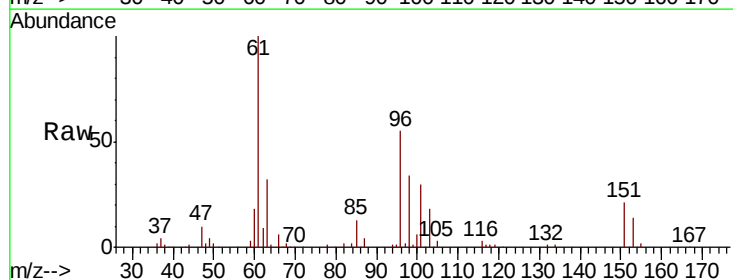
apatel
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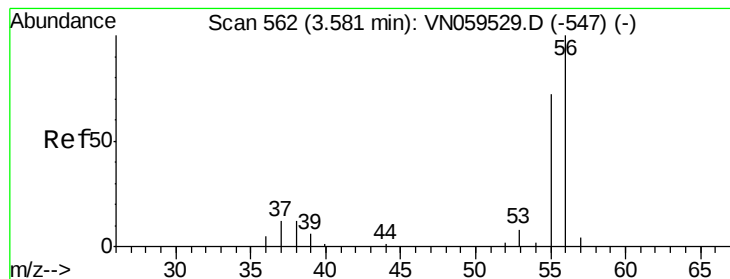


#12

1,1-Dichloroethene
Concen: 41.903 ug/l
RT: 3.71 min Scan# 601
Delta R.T. -0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	112013		
61	183.2		149.8	224.6
98	62.8		50.6	75.8





#13

Acrolein

Concen: 220.351 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 63678

Ion Ratio Lower Upper

56 100

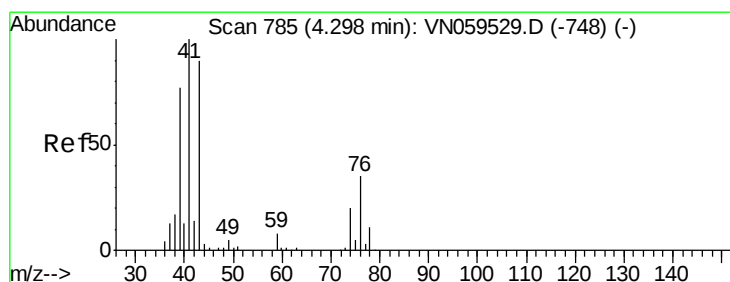
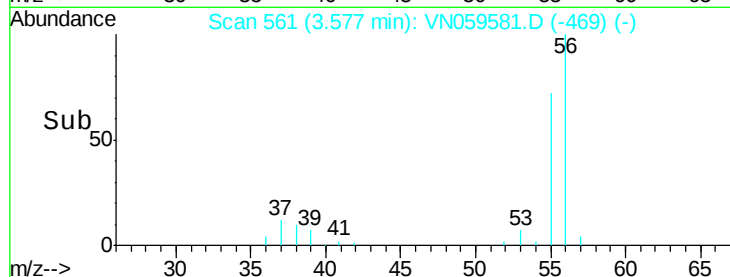
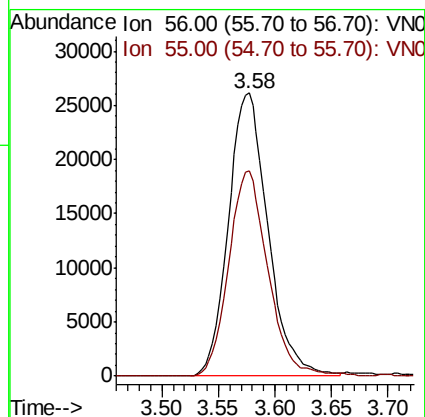
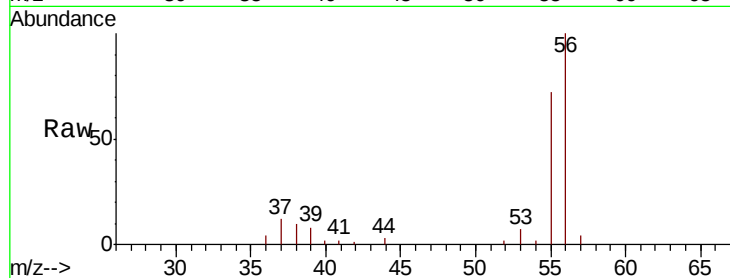
55 71.3 56.9 85.3

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#14

Allyl chloride

Concen: 43.377 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.01 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

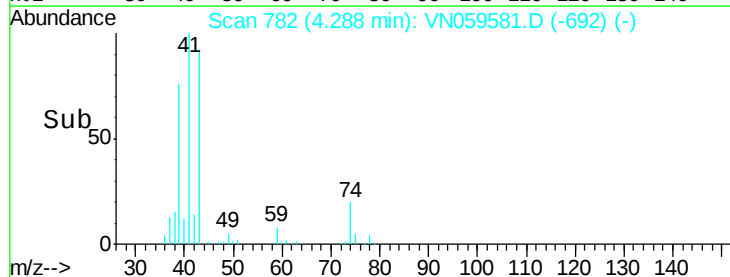
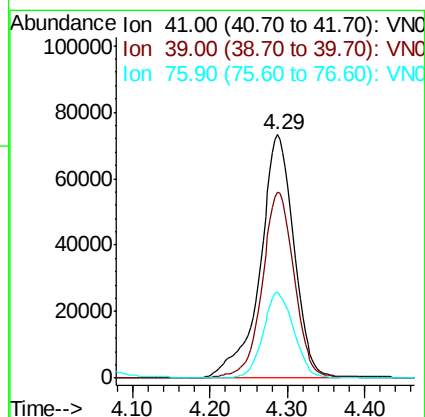
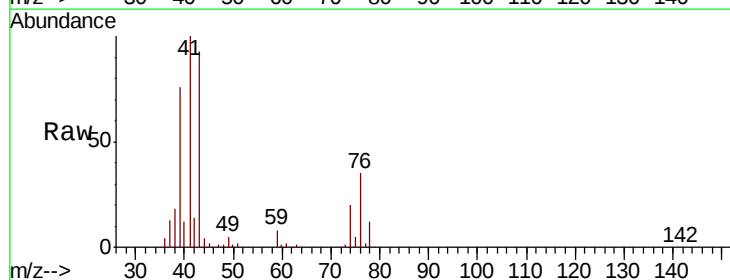
Tgt Ion: 41 Resp: 223060

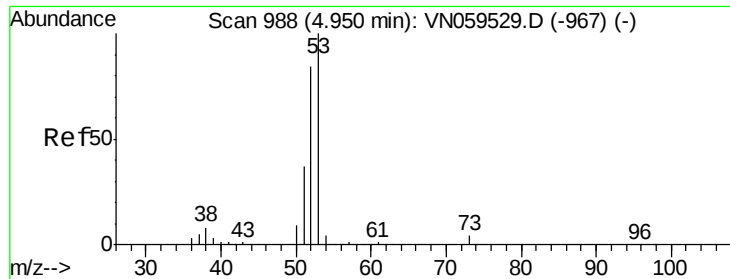
Ion Ratio Lower Upper

41 100

39 71.9 56.7 85.1

76 32.0 25.5 38.3





#15

Acrylonitrile

Concen: 226.983 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

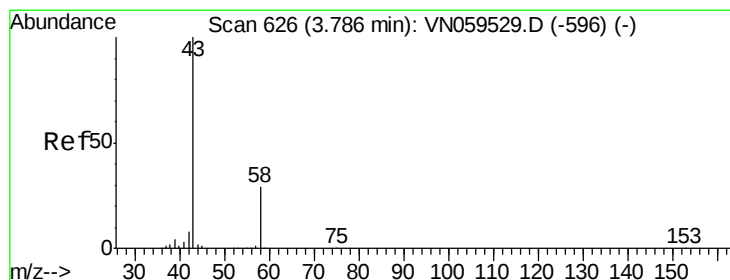
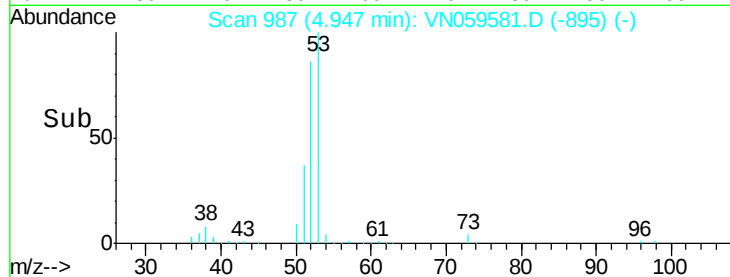
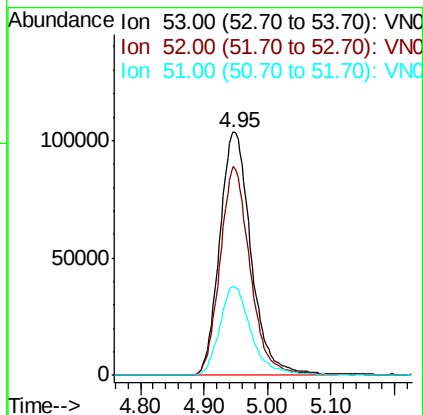
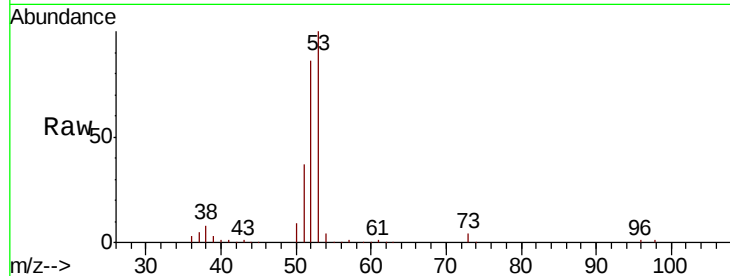
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	35512
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.6	99.8
51	36.7	29.8	44.8

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#16

Acetone

Concen: 187.112 ug/l

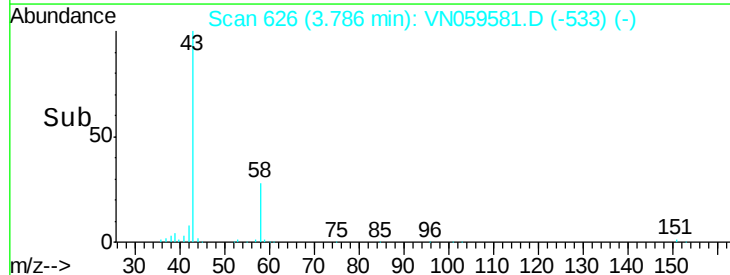
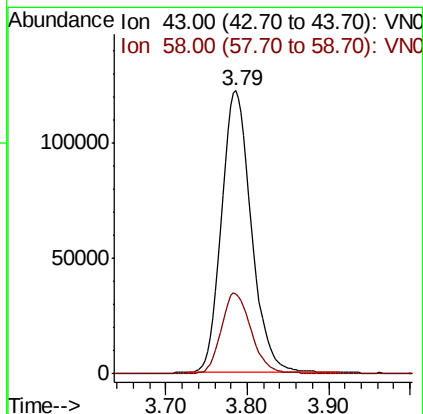
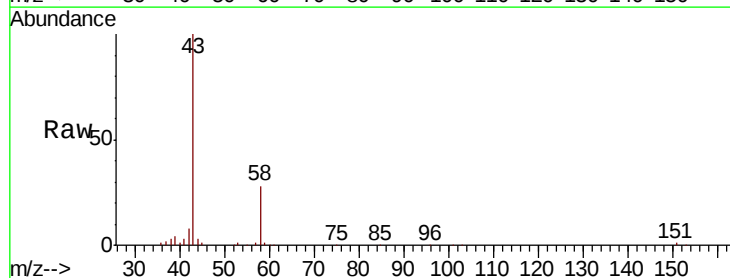
RT: 3.79 min Scan# 626

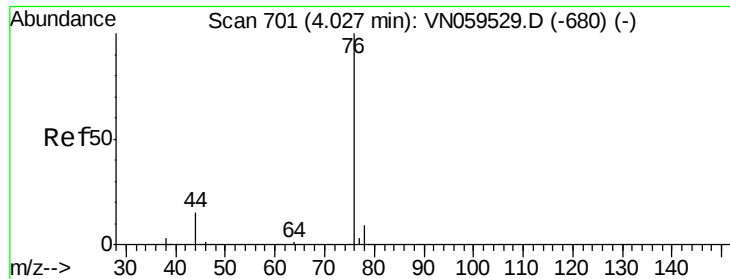
Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	43	Resp:	313758
Ion Ratio	Lower	Upper	
43	100		
58	28.5	23.0	34.4





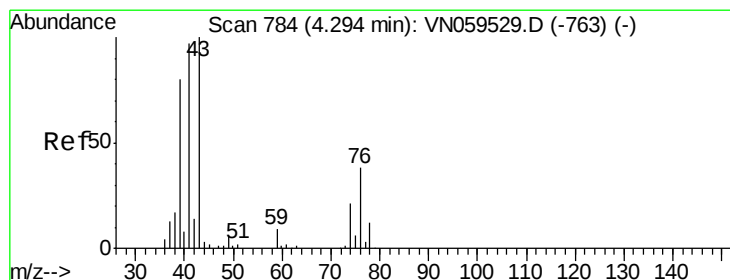
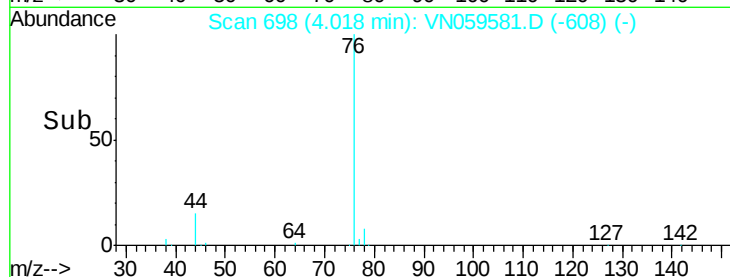
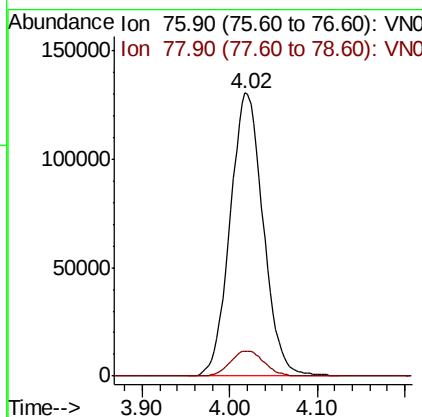
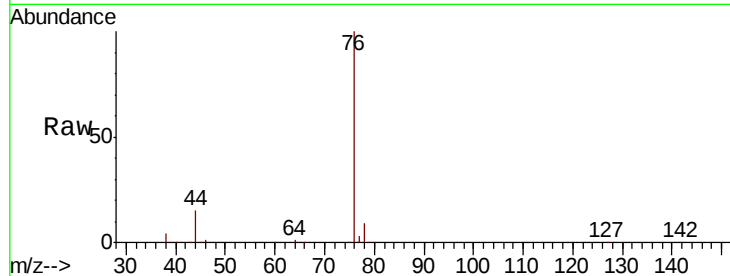
#17
Carbon Disulfide
Concen: 40.354 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 342915
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

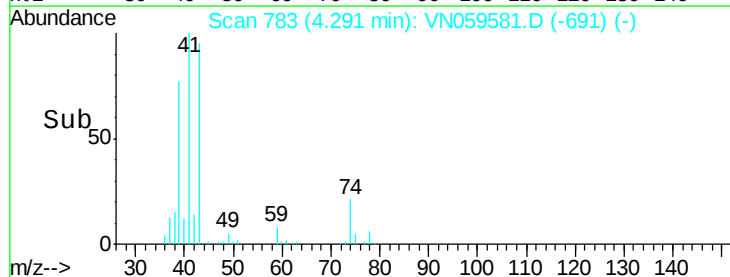
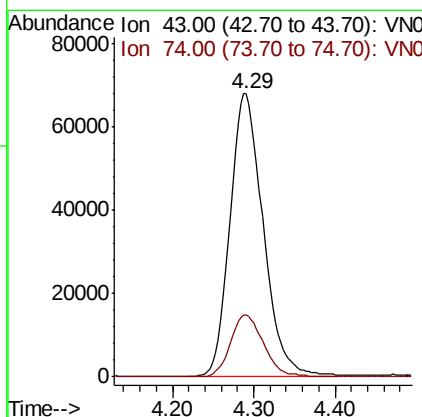
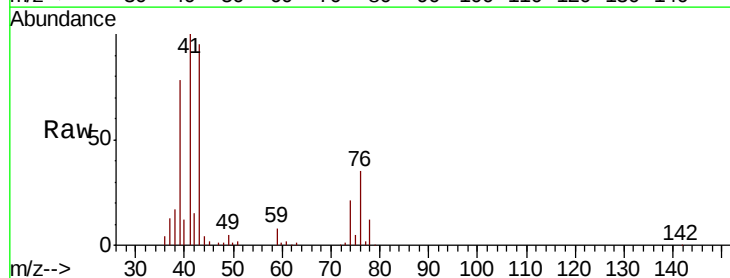
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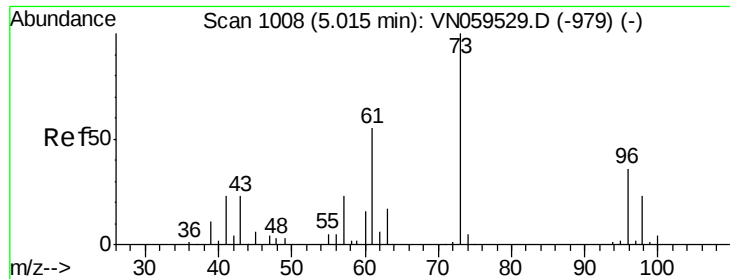
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#18
Methyl Acetate
Concen: 43.571 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion: 43 Resp: 191821
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





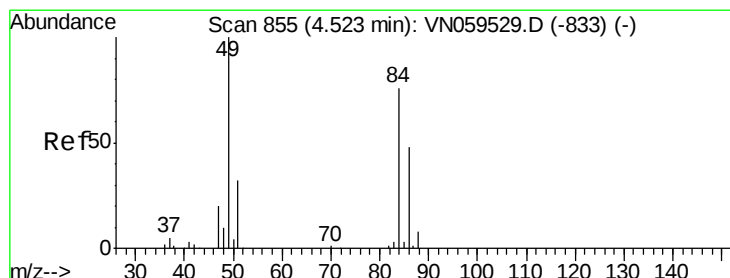
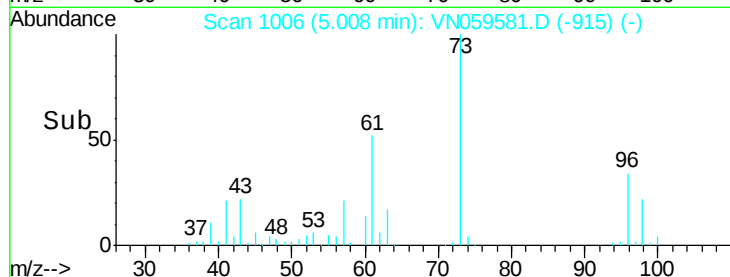
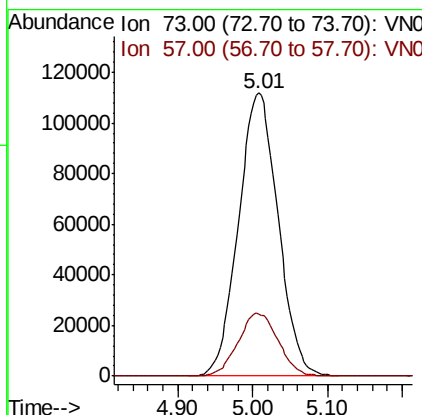
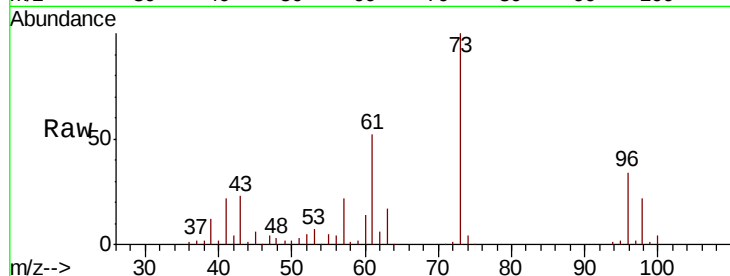
#19
Methvl tert-butvl Ether
Concen: 46.362 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 411967
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5

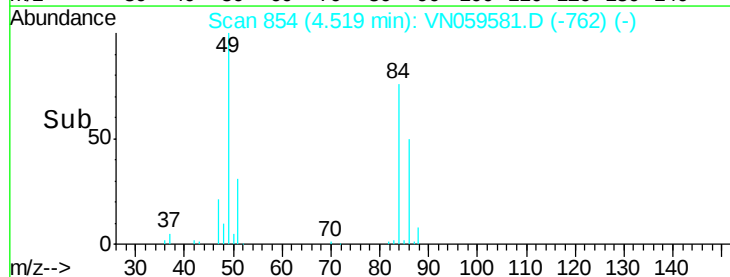
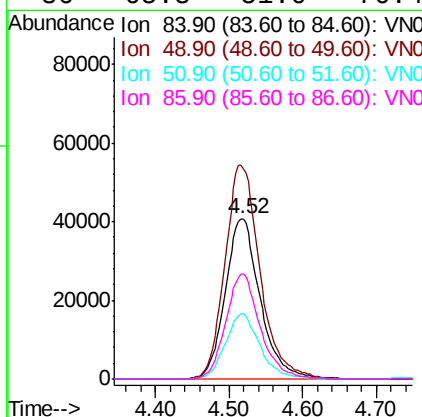
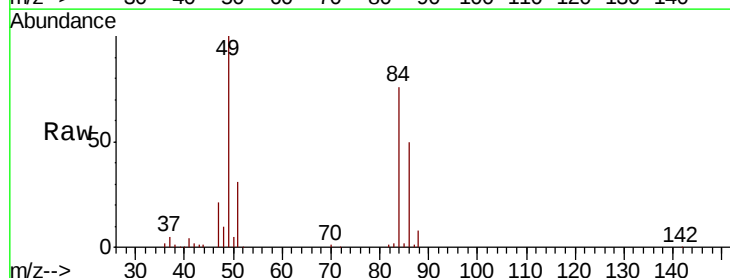
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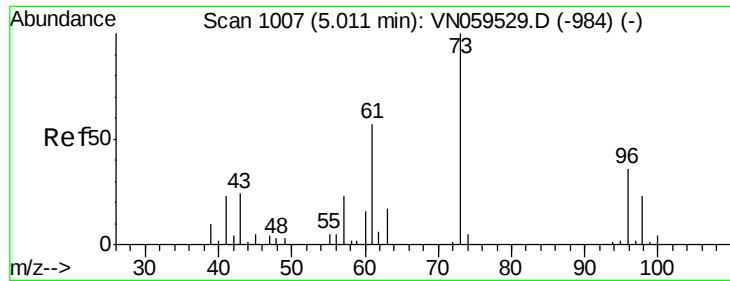
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#20
Methylene Chloride
Concen: 44.307 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion: 84 Resp: 133979
Ion Ratio Lower Upper
84 100
49 131.2 105.8 158.8
51 41.1 33.7 50.5
86 65.8 51.0 76.4





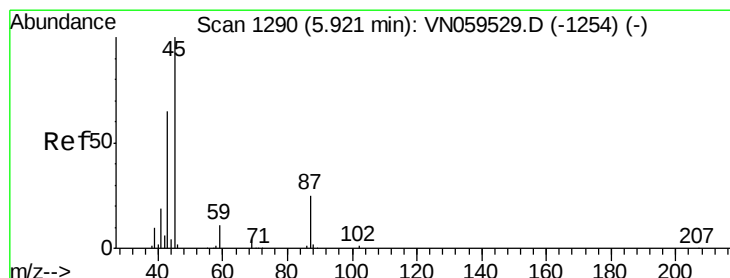
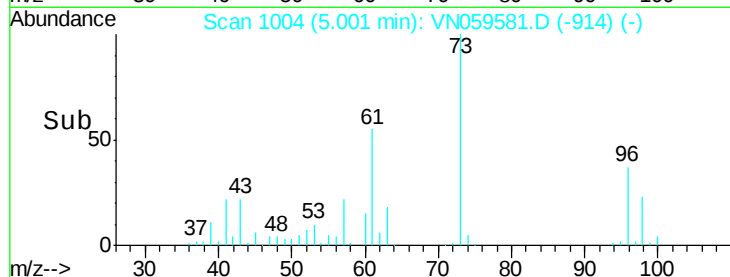
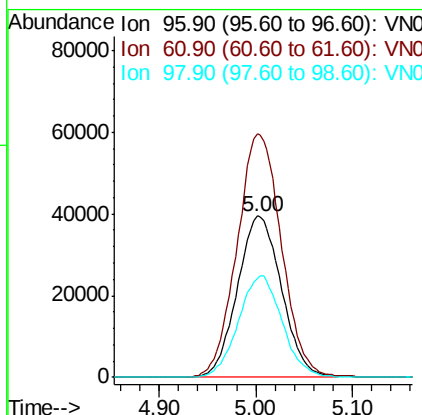
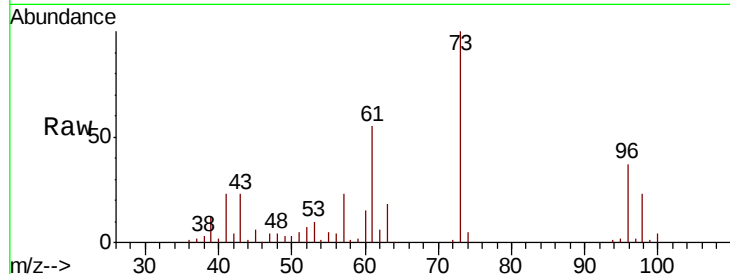
#21
trans-1,2-Dichloroethene
Concen: 43.696 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	124.8	187.2
98	61.8	51.0	76.4

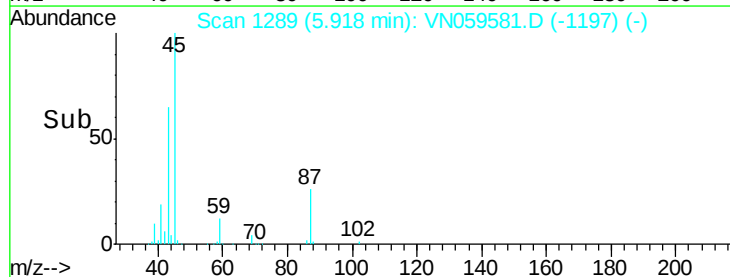
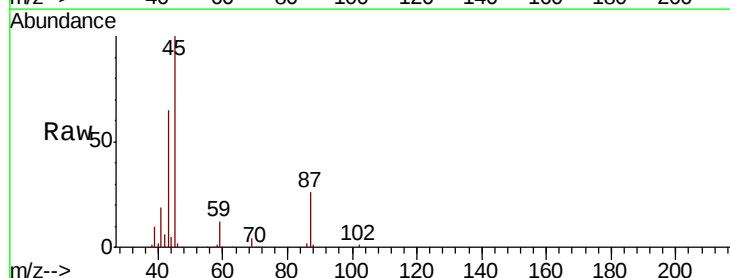
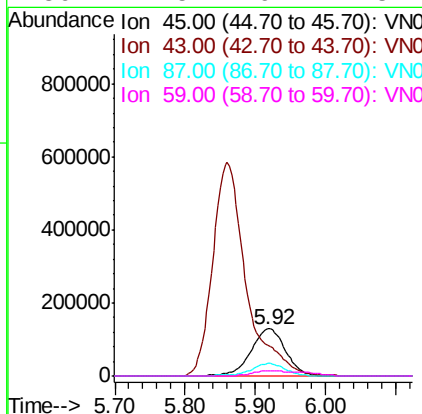
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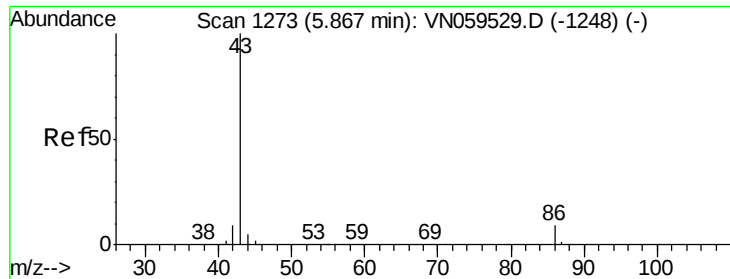
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#22
Diisopropyl ether
Concen: 45.306 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.3	52.8	79.2
87	26.3	20.2	30.4
59	11.5	9.1	13.7





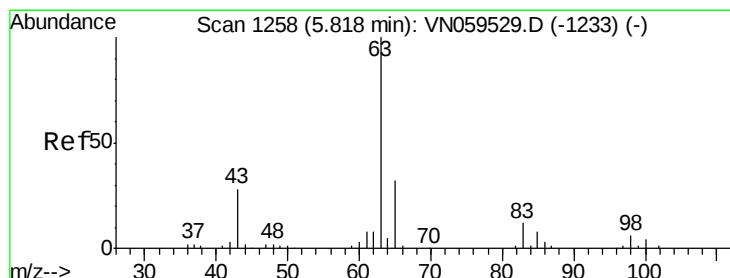
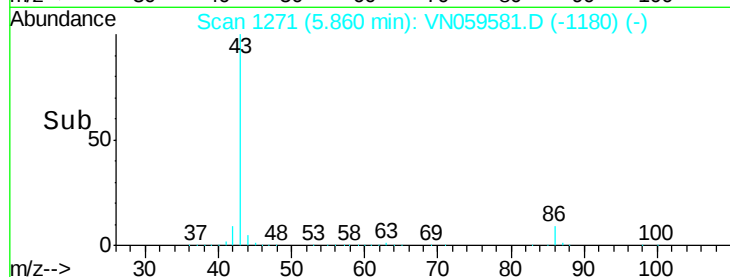
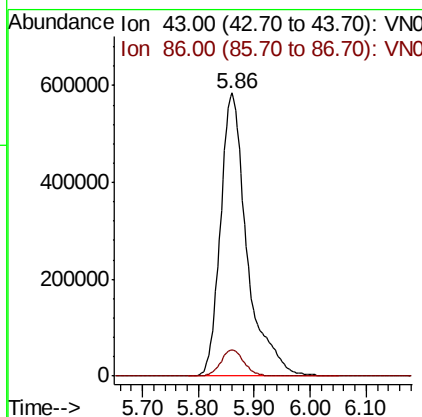
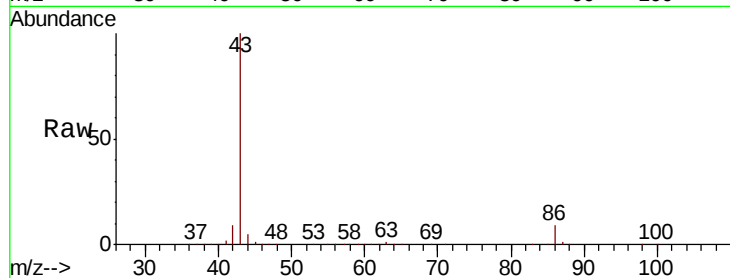
#23
 Vinyl Acetate
 Concen: 236.993 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1935297
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2

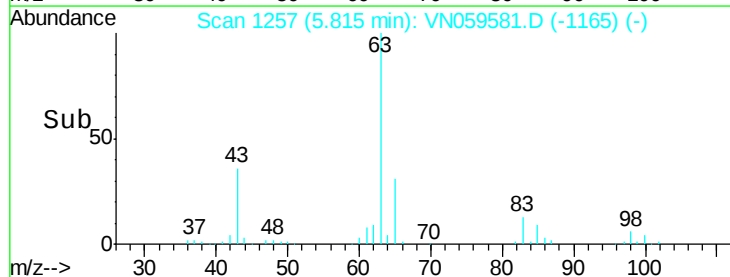
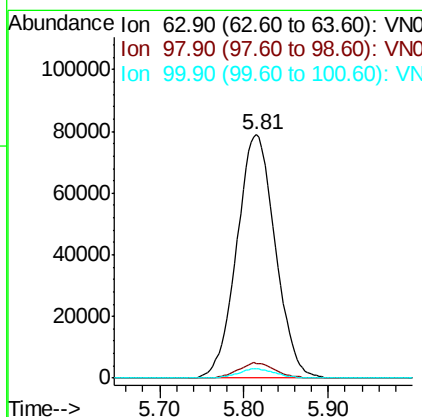
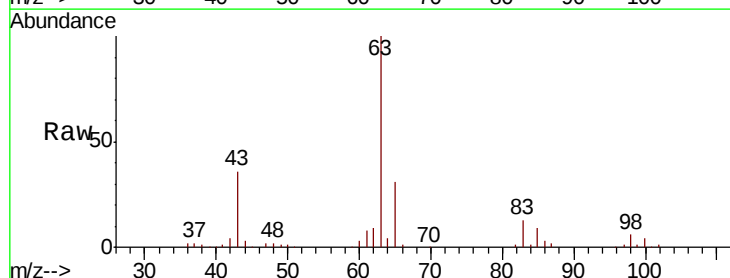
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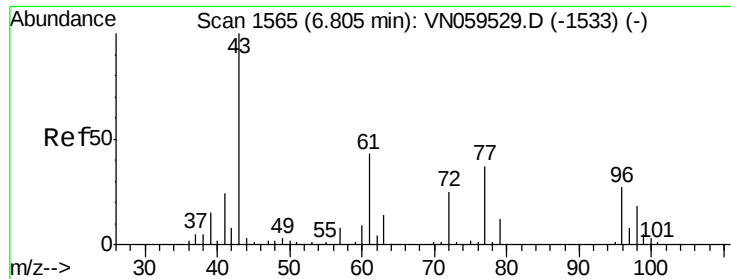
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#24
 1,1-Dichloroethane
 Concen: 45.014 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion: 63 Resp: 250190
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 3.8 1.8 5.3





#25

2-Butanone

Concen: 217.736 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 491449

Ion Ratio Lower Upper

43 100

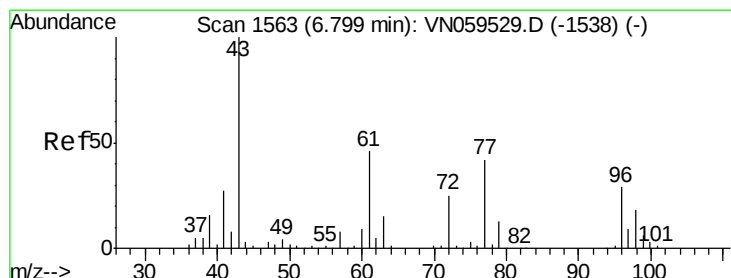
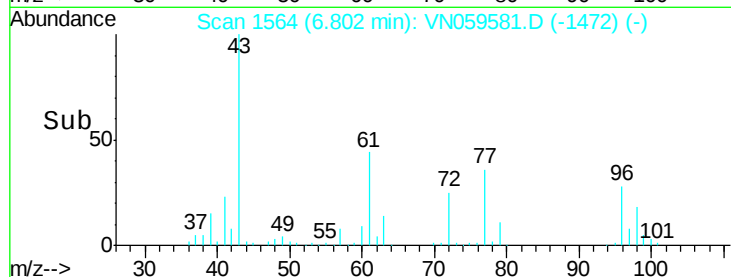
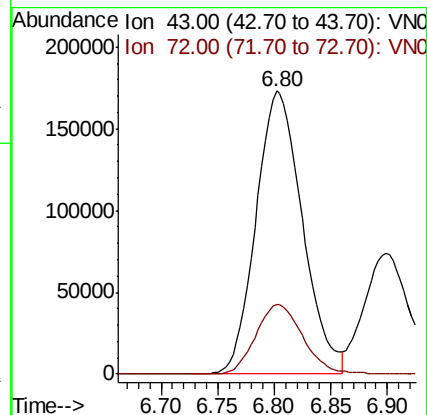
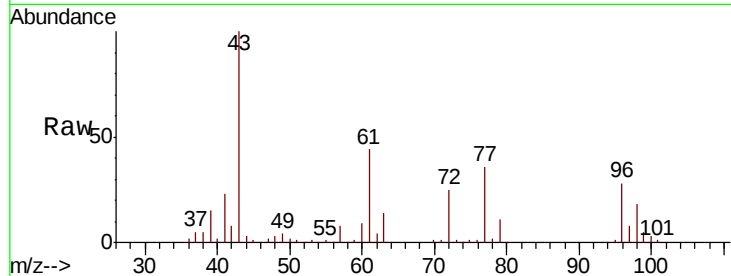
72 24.7 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.178 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059581.D

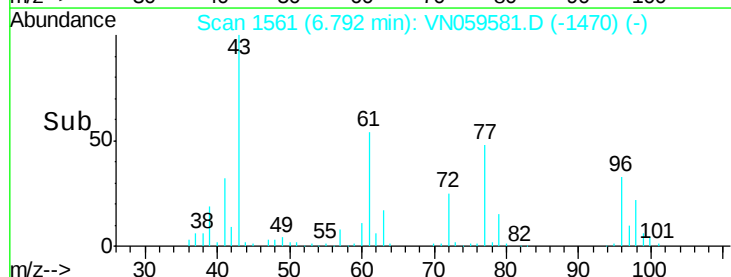
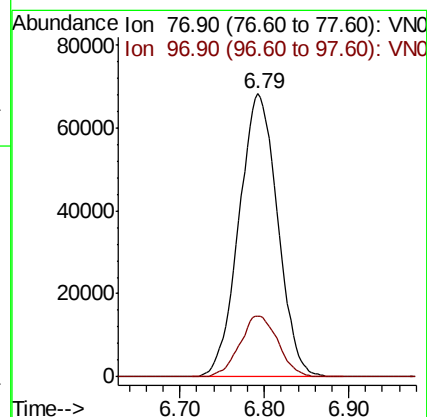
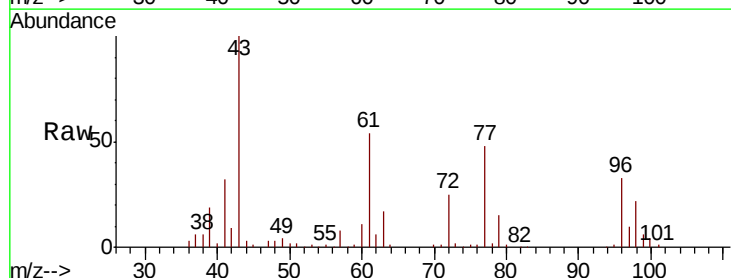
Acq: 12 Dec 2019 18:01

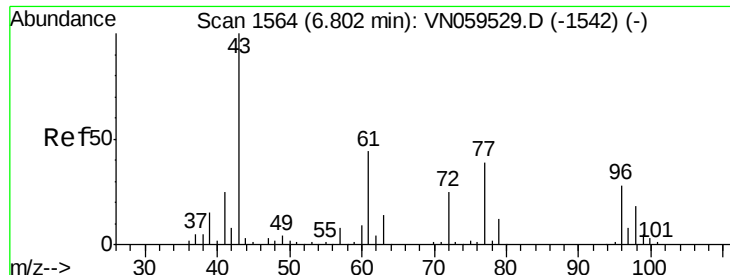
Tgt Ion: 77 Resp: 216809

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 44.365 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

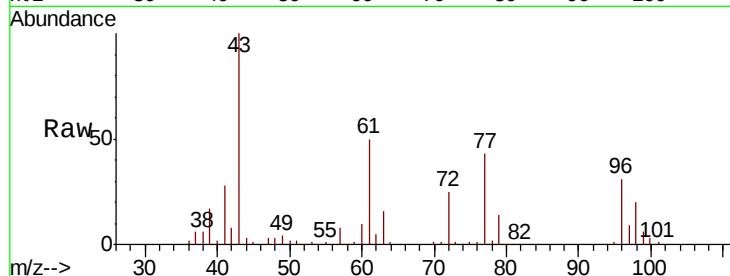
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	143170
Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	320.0
98	65.1	0.0	128.6

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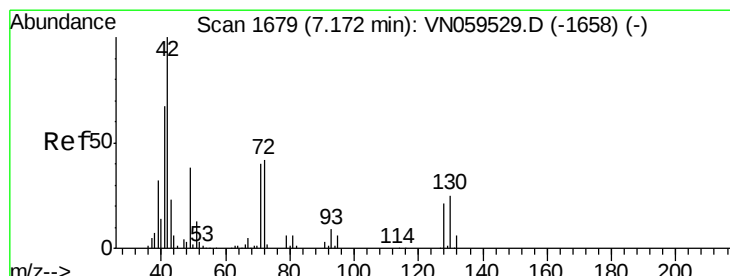
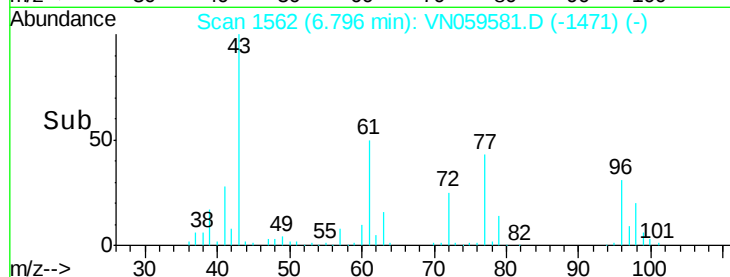
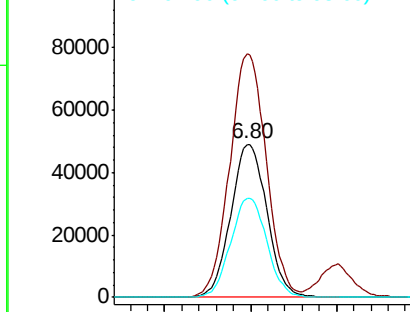


Abundance

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



#28

Bromochloromethane

Concen: 48.502 ug/l

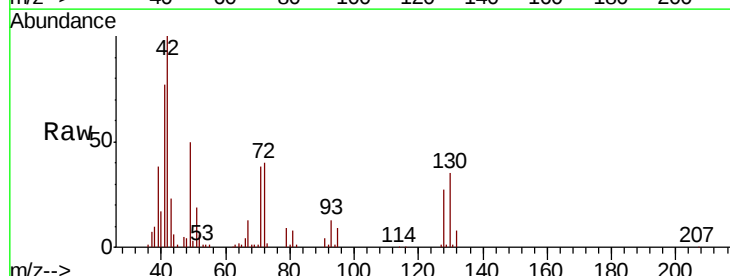
RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	49	Resp:	102709
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	69.1	54.2	81.2

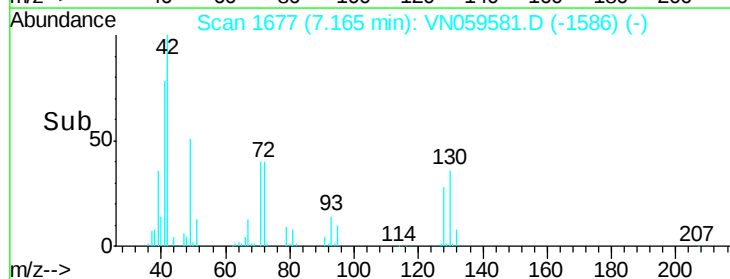
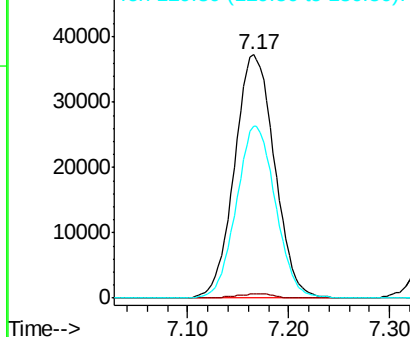


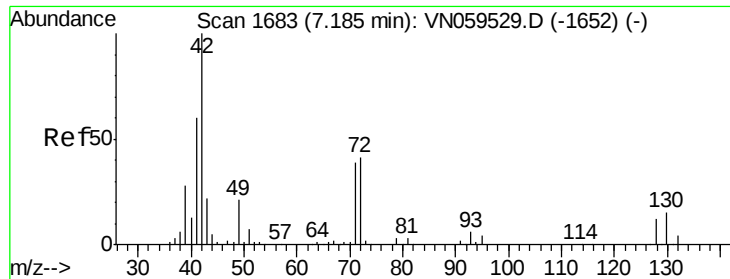
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





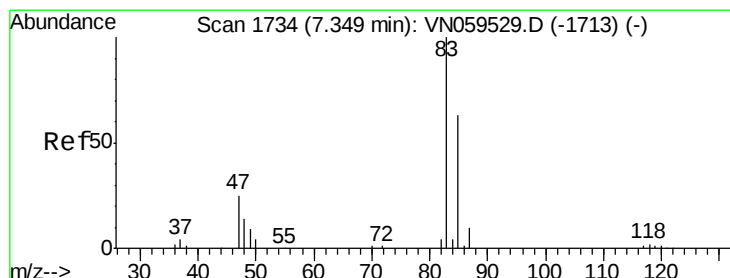
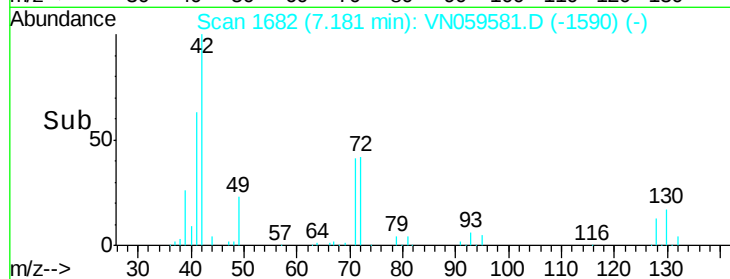
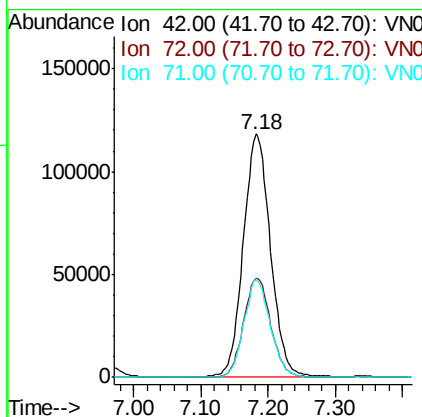
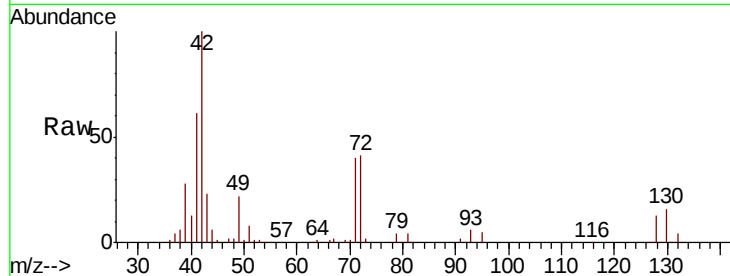
#29
Tetrahydrofuran
Concen: 211.871 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.7	49.1
71	38.9	31.4	47.2

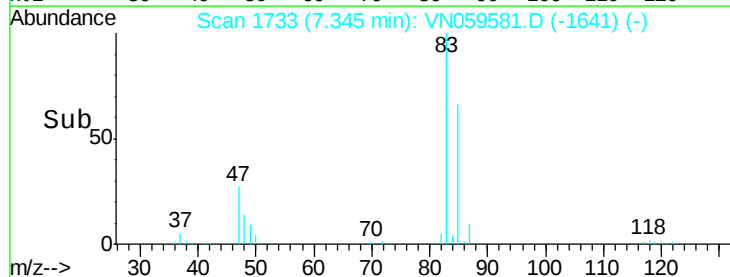
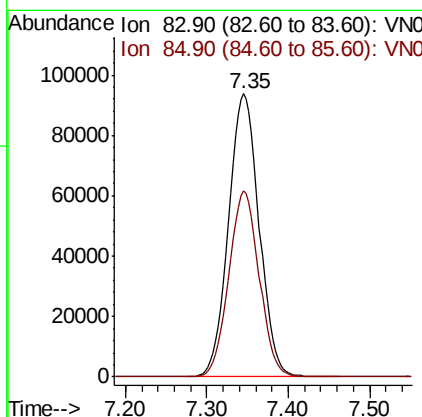
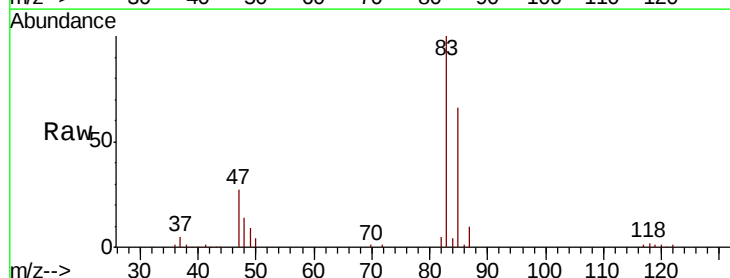
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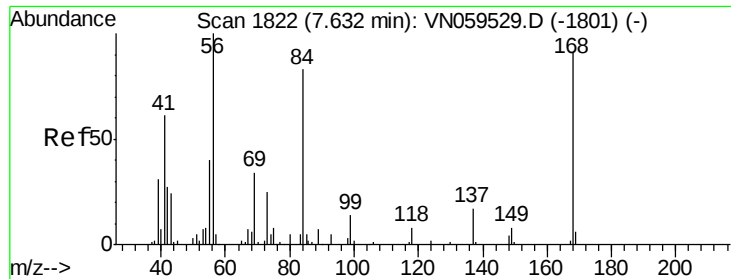
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#30
Chloroform
Concen: 44.887 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	75.8





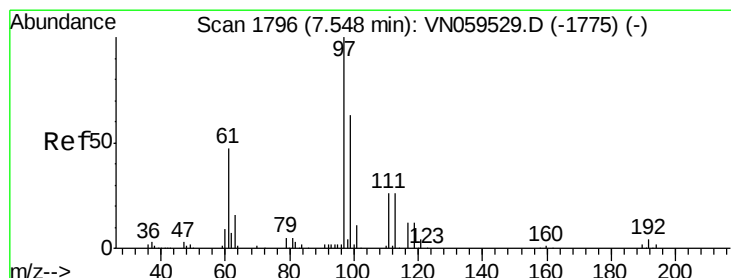
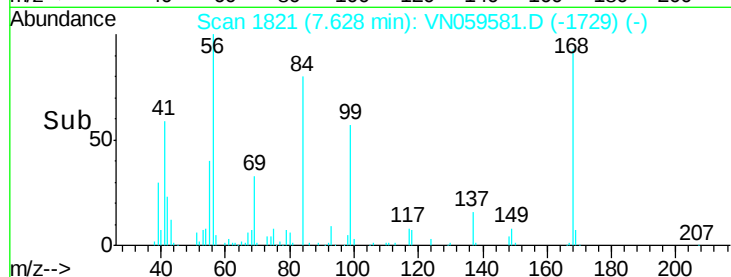
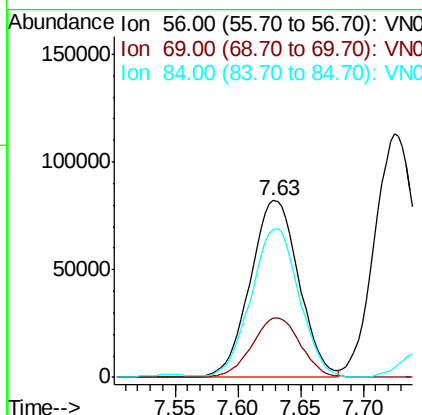
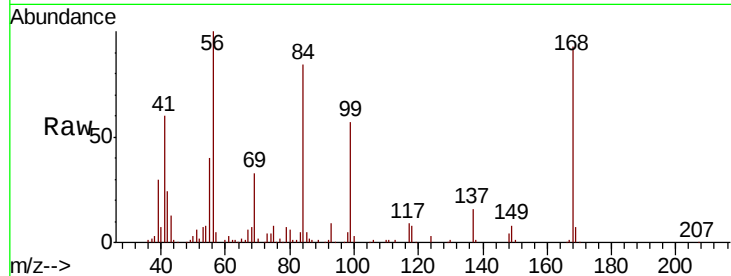
#31
Cyclohexane
Concen: 41.002 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.9	40.3
84	82.3	66.5	99.7

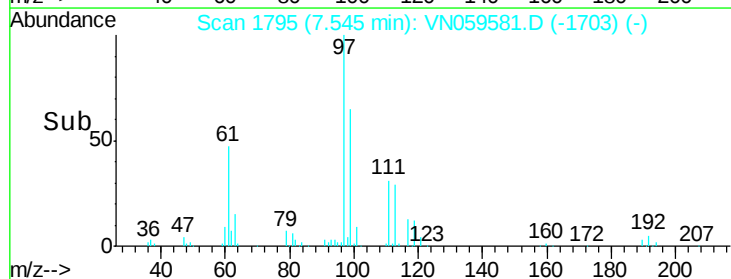
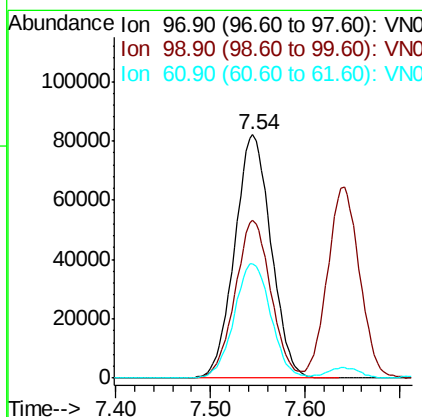
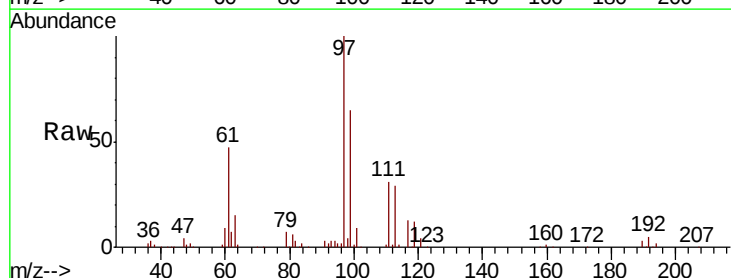
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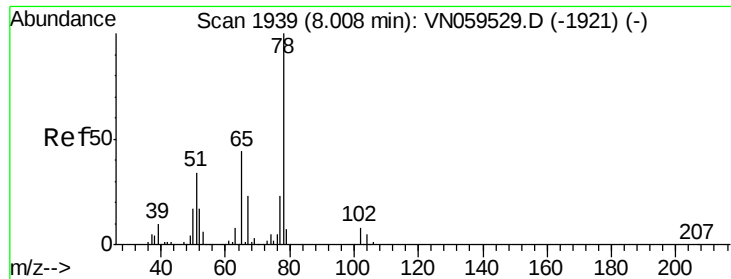
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#32
1,1,1-Trichloroethane
Concen: 45.095 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	47.5	38.5	57.7





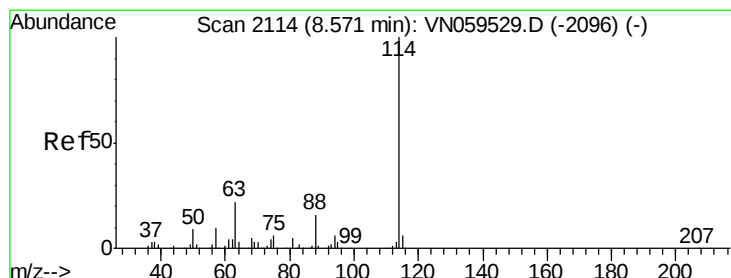
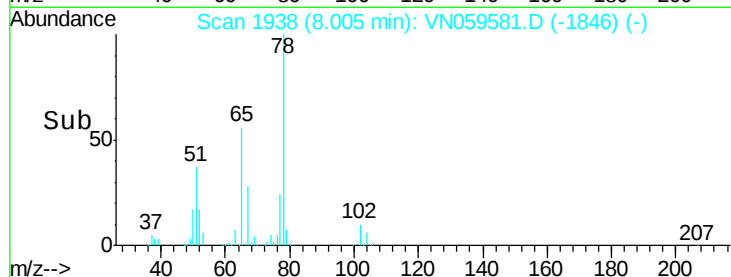
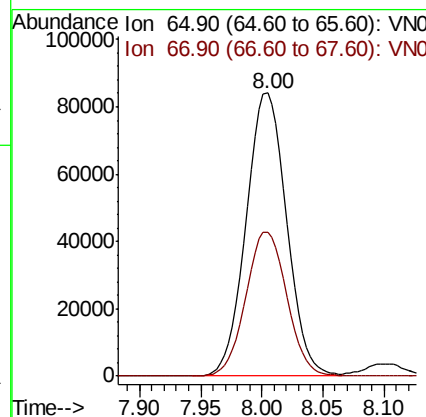
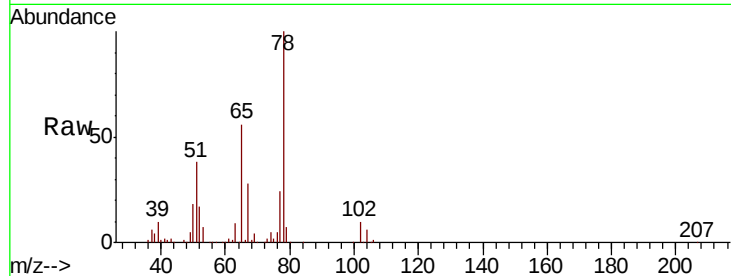
#33
 1,2-Dichloroethane-d4
 Concen: 53.873 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193381		
67	51.7	0.0	103.6	

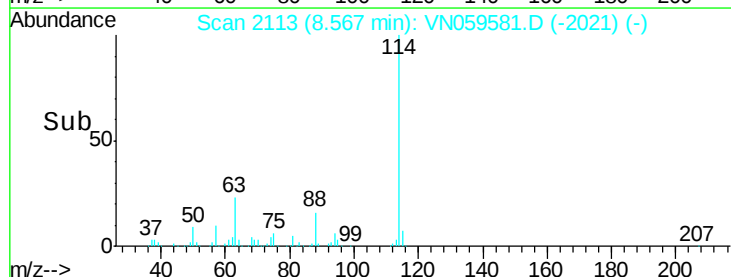
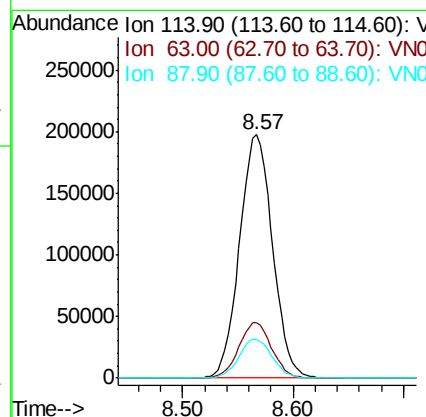
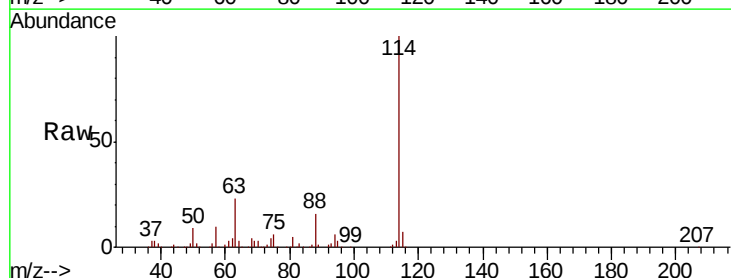
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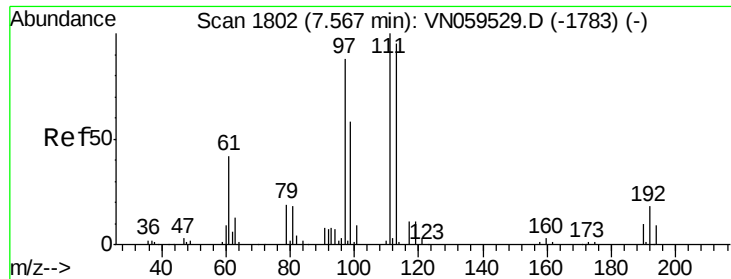
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409573		
63	22.7	0.0	45.0	
88	15.9	0.0	32.2	





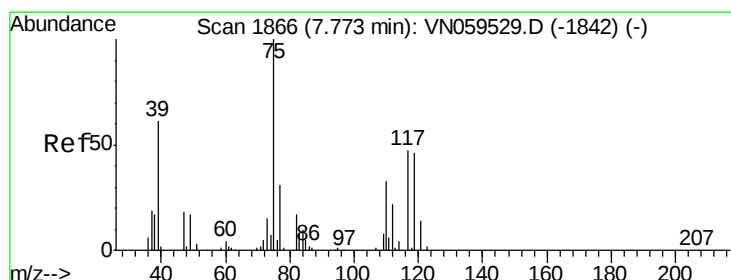
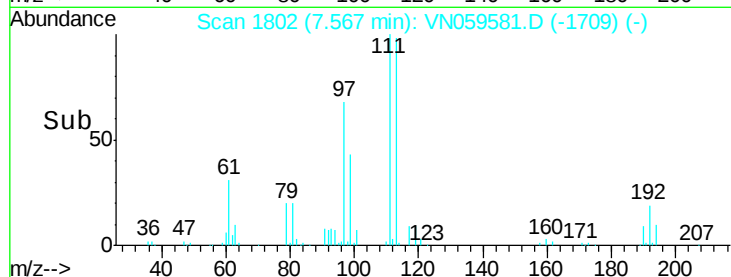
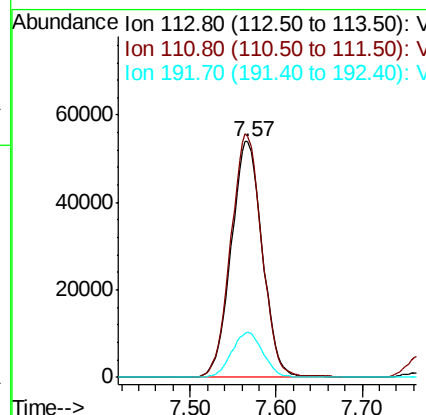
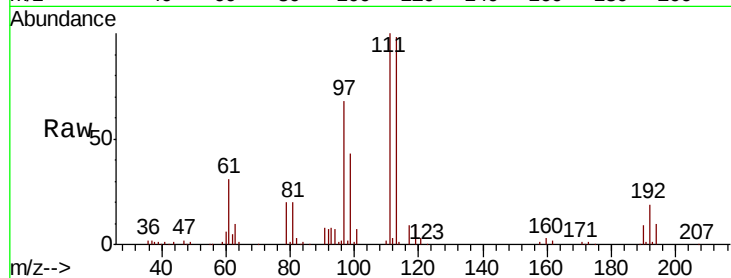
#35
Dibromofluoromethane
Concen: 55.539 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.2	123.4	
192	19.1	14.8	22.2	

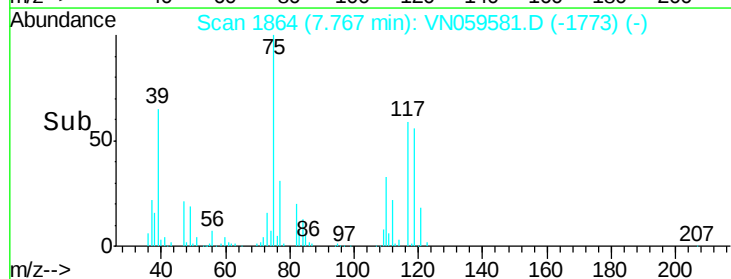
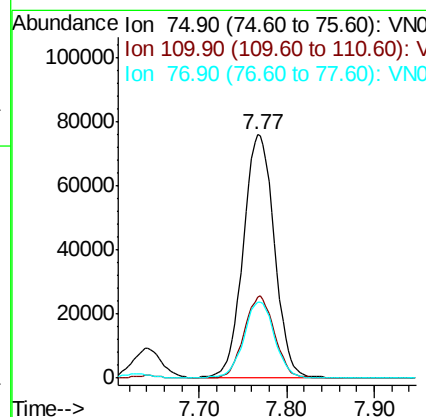
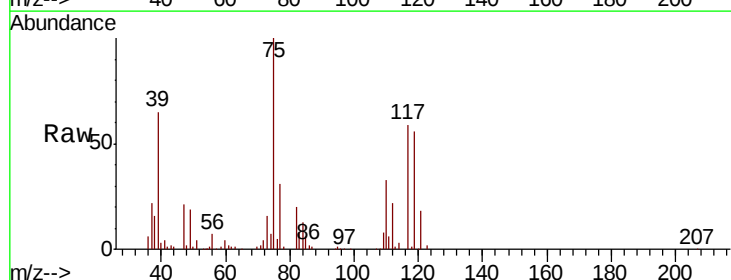
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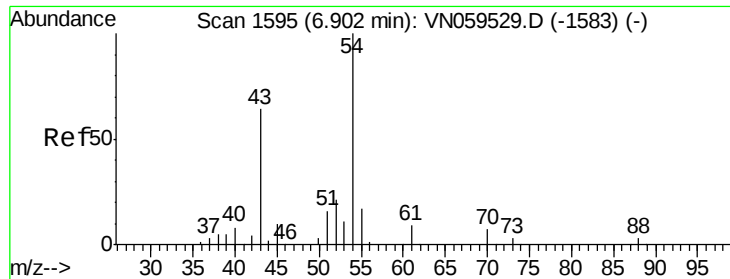
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#36
1,1-Dichloropropene
Concen: 44.712 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.8	16.7	50.0	
77	31.0	24.6	37.0	





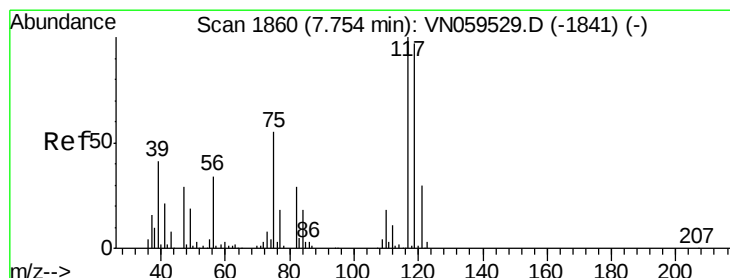
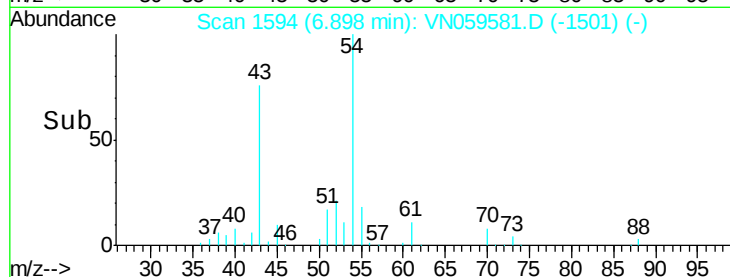
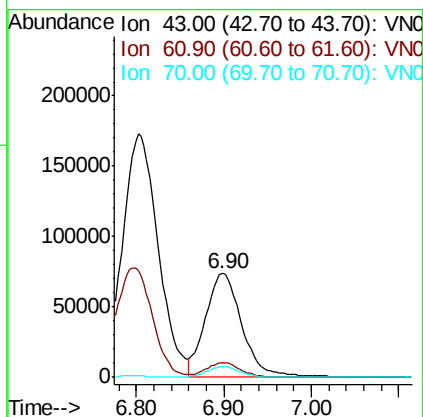
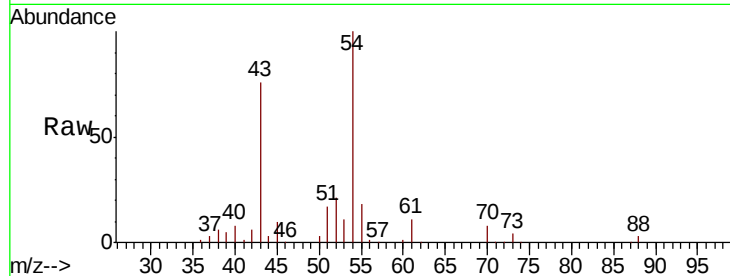
#37
Ethyl Acetate
Concen: 43.026 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.9	7.7	11.5

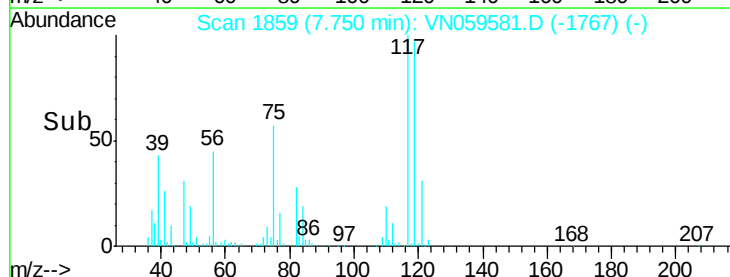
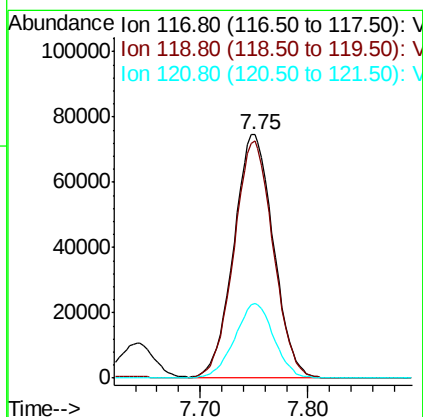
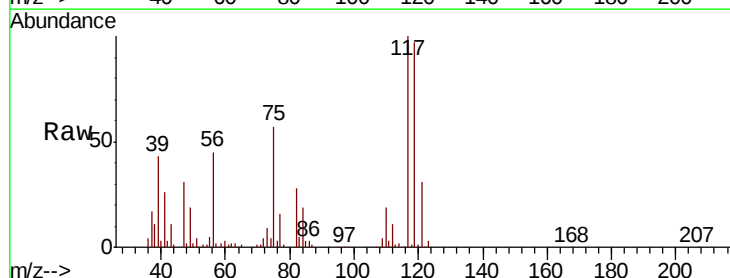
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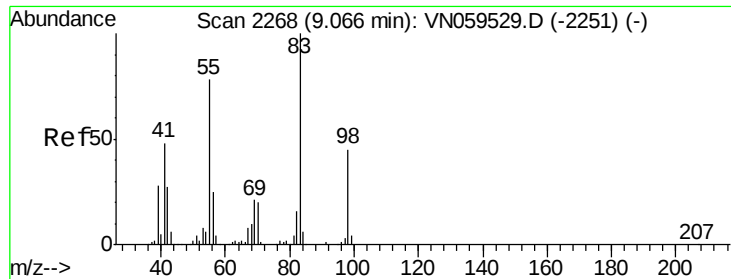
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#38
Carbon Tetrachloride
Concen: 46.175 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.0	115.4
121	30.9	24.1	36.1





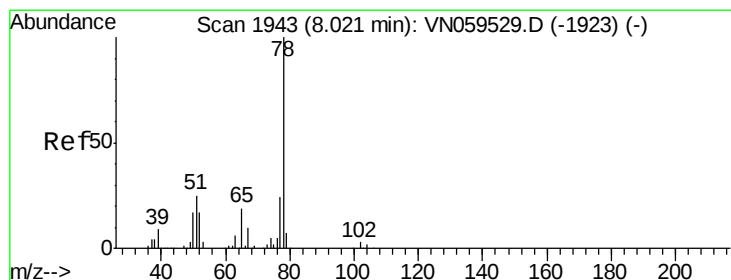
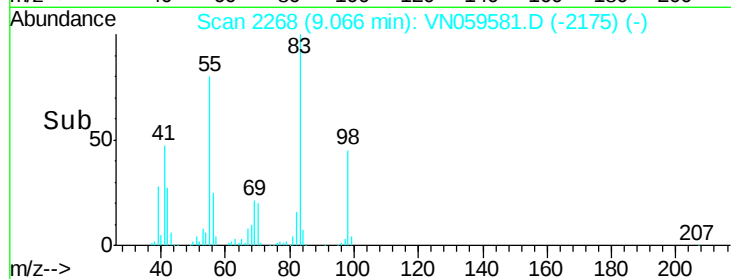
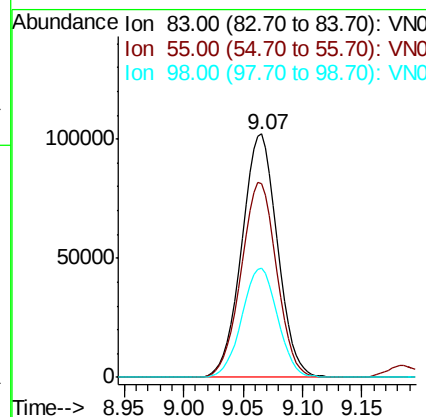
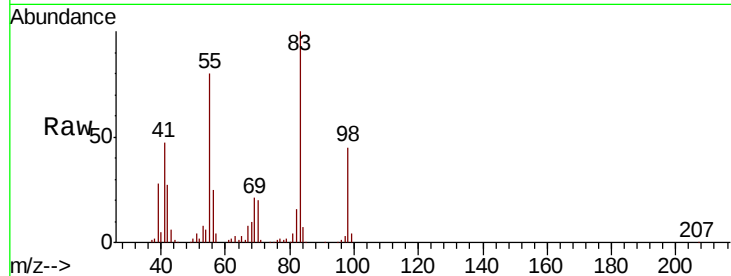
#39
Methvlcvclohexane
Concen: 45.104 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	62.7	94.1
98	44.7	35.7	53.5

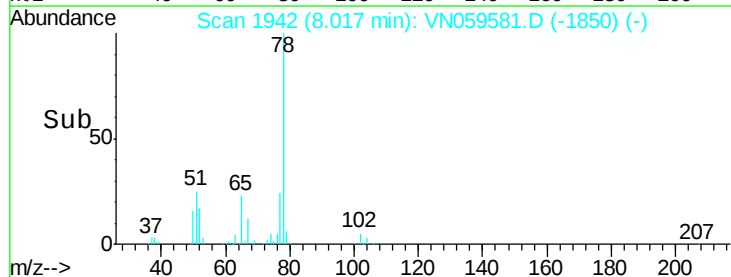
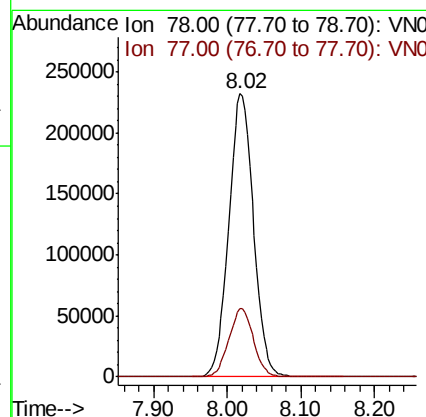
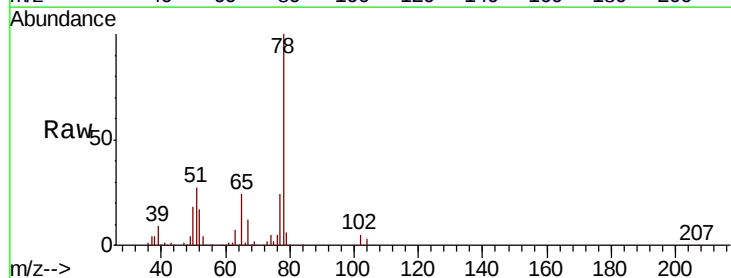
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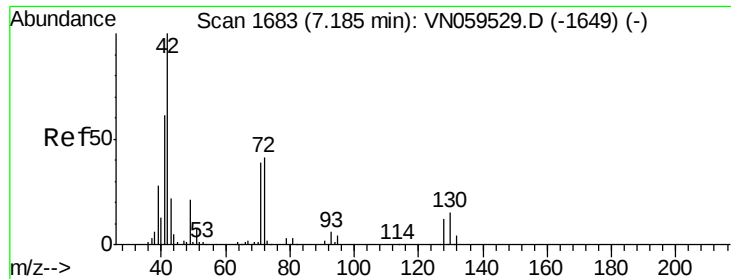
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#40
Benzene
Concen: 44.950 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





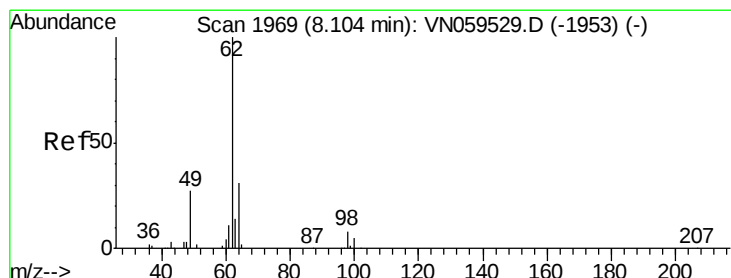
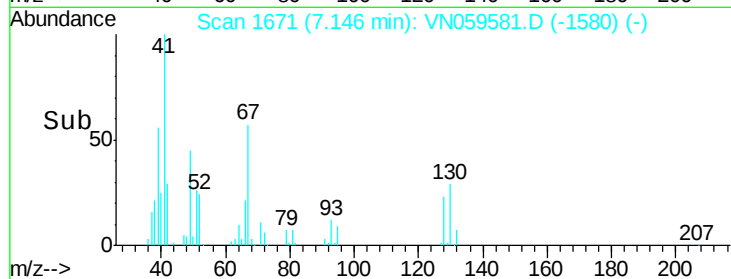
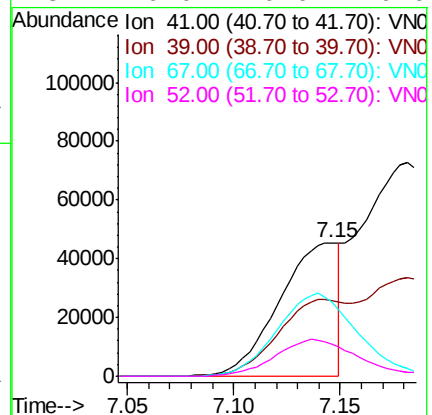
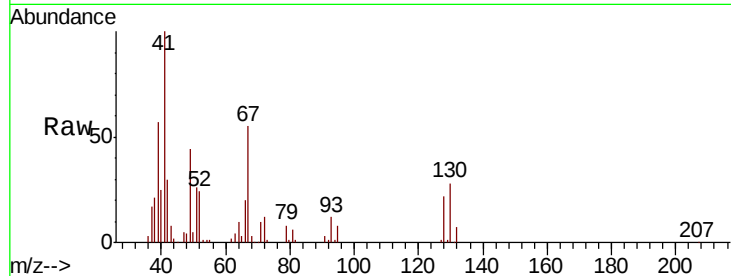
#41
Methacrylonitrile
Concen: 43.241 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	88302
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

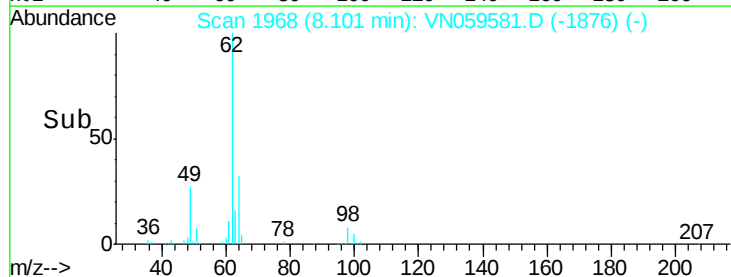
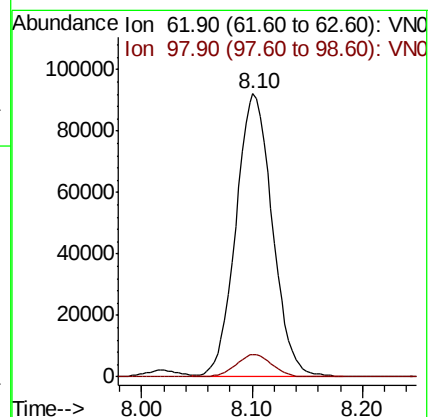
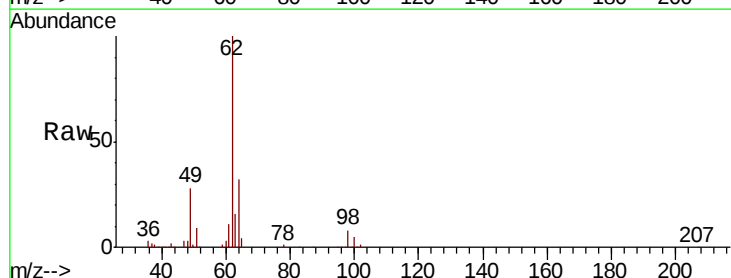
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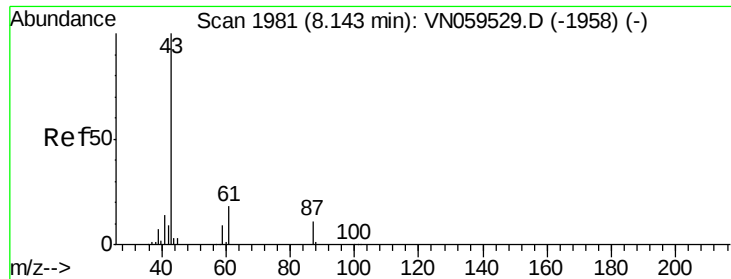
apatel
12/13/2019 2:17:18 PM



#42
1,2-Dichloroethane
Concen: 46.855 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	62	Resp	209561
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	15.4





#43

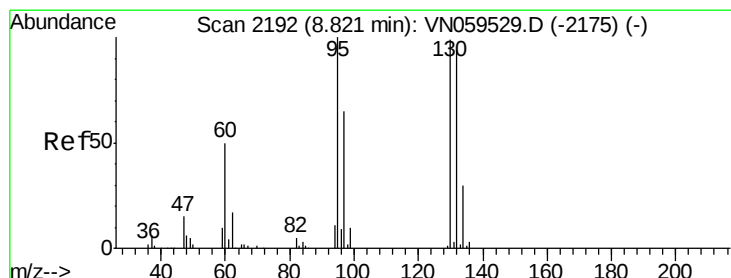
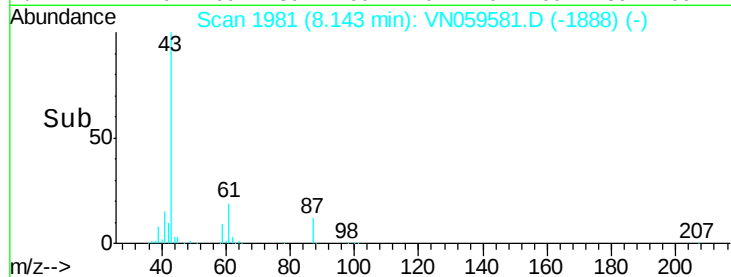
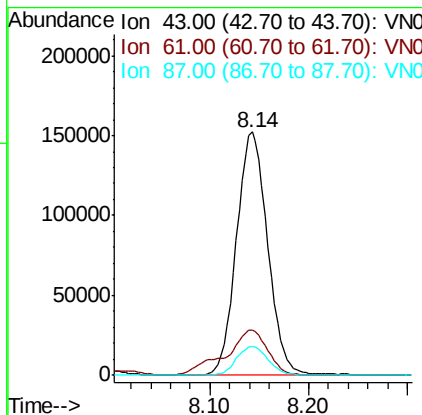
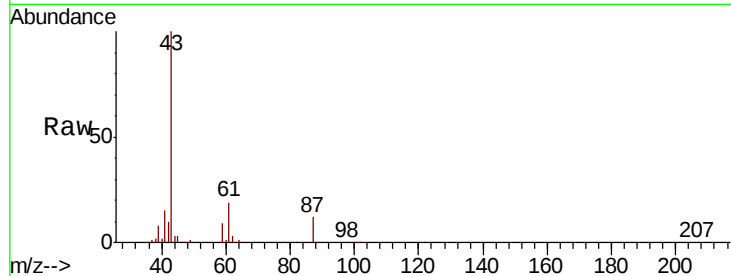
Isopropyl Acetate
 Concen: 46.090 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.4	19.8	29.6
87	12.1	9.4	14.2

Manual Integrations
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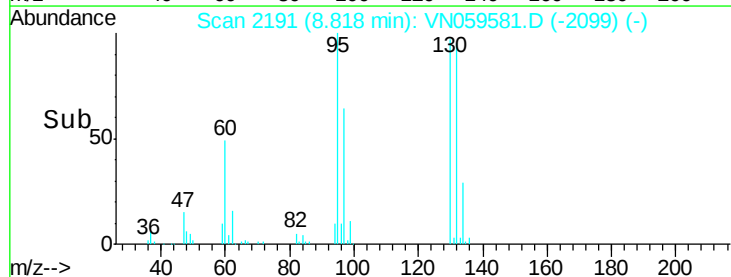
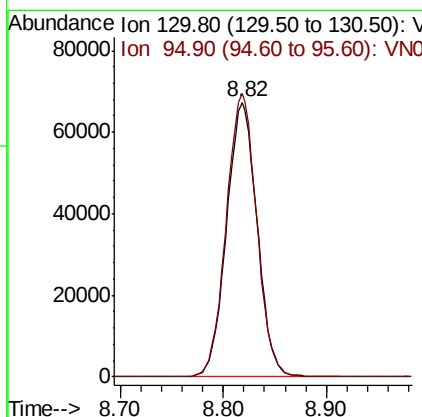
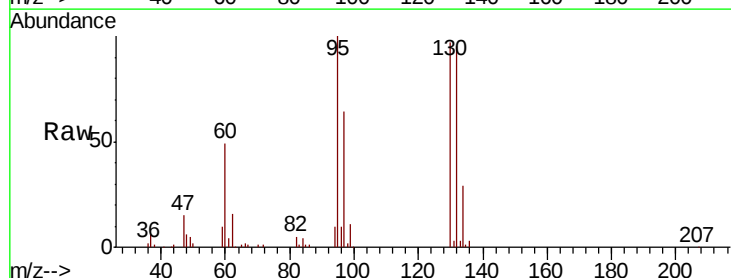
apatel
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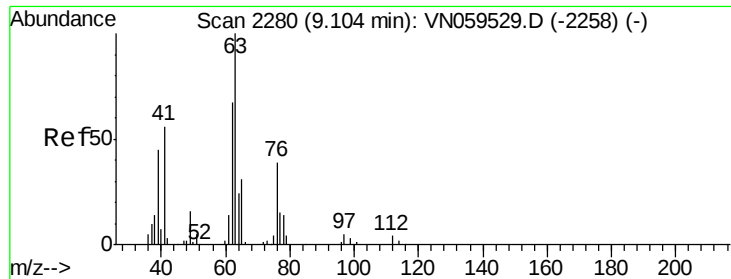


#44

Trichloroethene
 Concen: 45.790 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	202.0





#45

1,2-Dichloropropane

Concen: 46.116 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146650

Ion Ratio Lower Upper

63 100

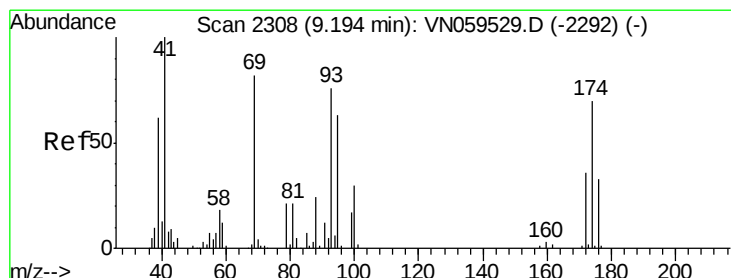
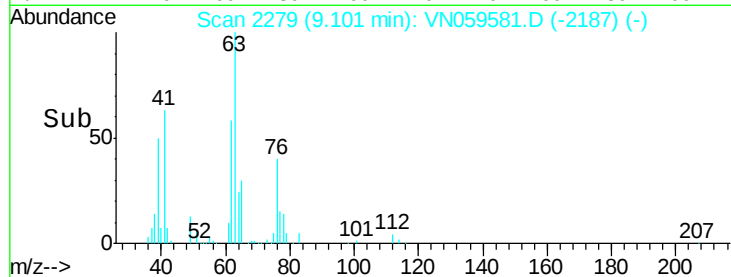
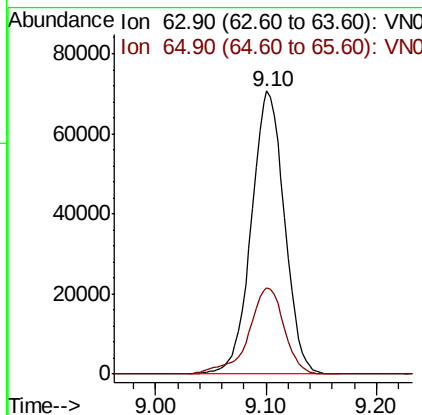
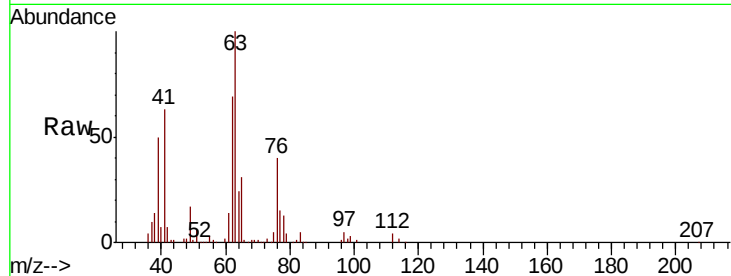
65 30.6 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 45.197 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

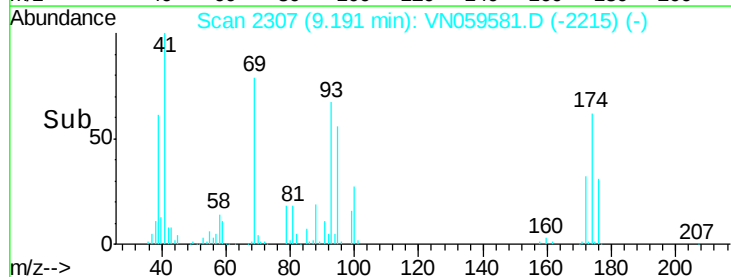
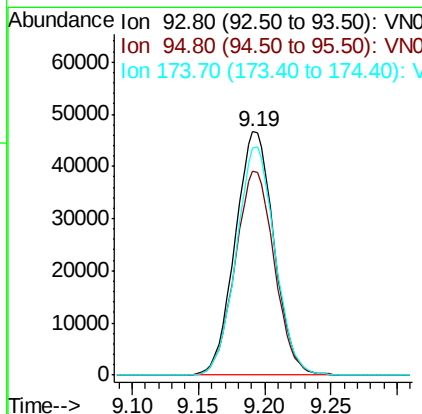
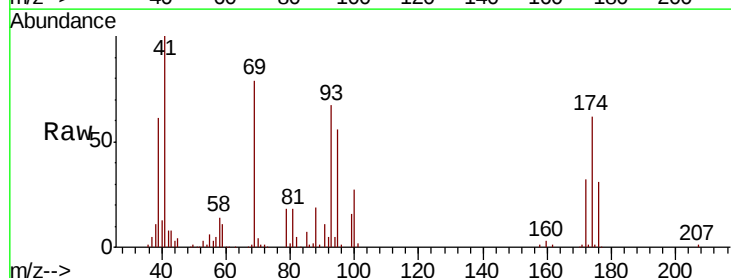
Tgt Ion: 93 Resp: 94986

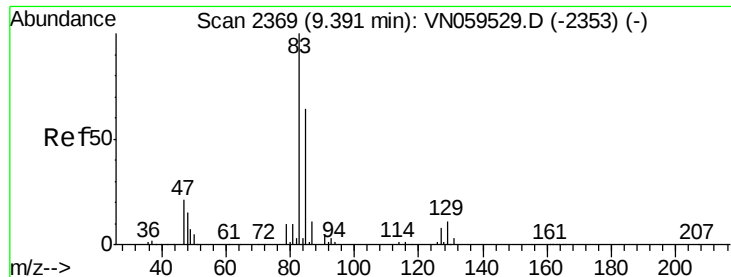
Ion Ratio Lower Upper

93 100

95 84.6 67.0 100.6

174 93.2 75.6 113.4





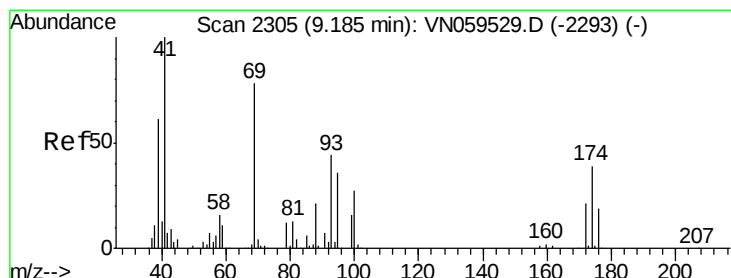
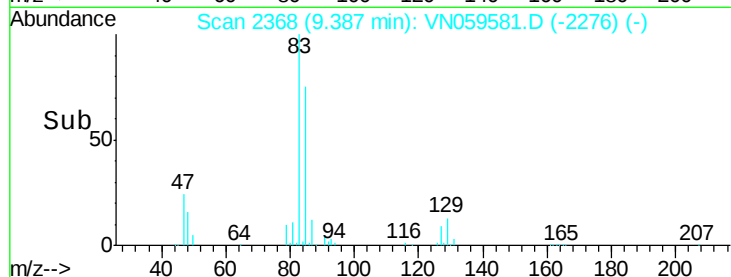
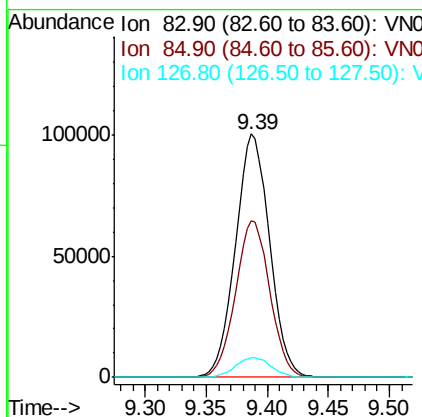
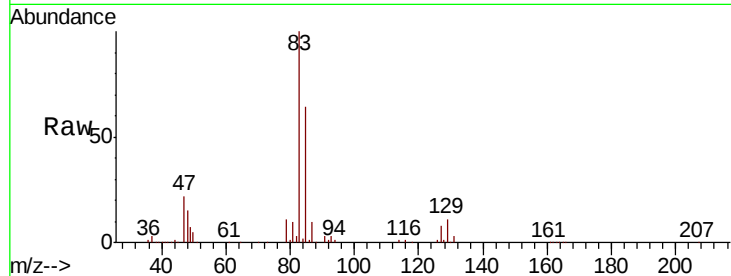
#47
Bromodichloromethane
Concen: 46.525 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	194324
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0
127	8.0	6.7	10.1

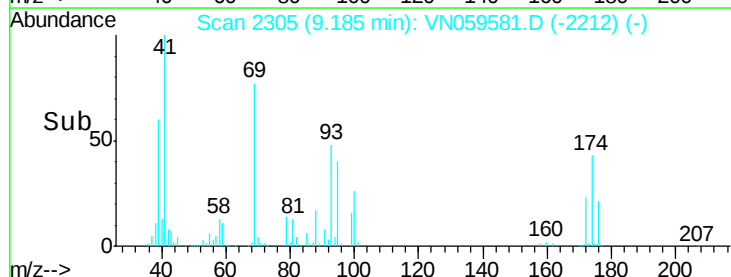
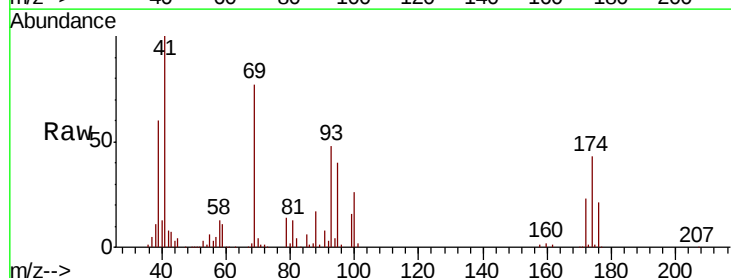
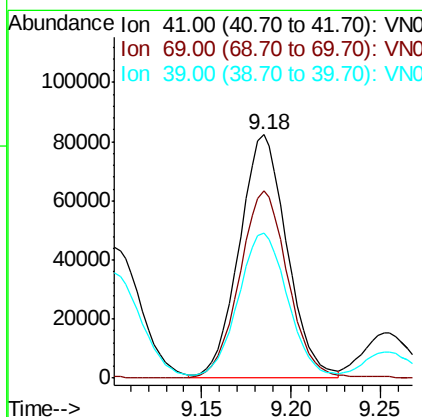
Manual Integrations
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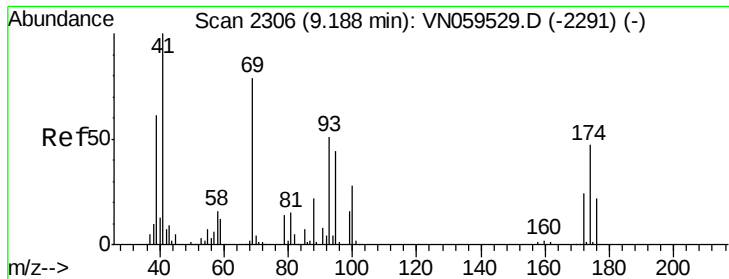
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#48
Methyl methacrylate
Concen: 48.489 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	41	Resp	153789
Ion	Ratio	Lower	Upper
41	100		
69	78.2	64.0	96.0
39	61.8	50.0	75.0





#49

1,4-Dioxane

Concen: 755.258 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

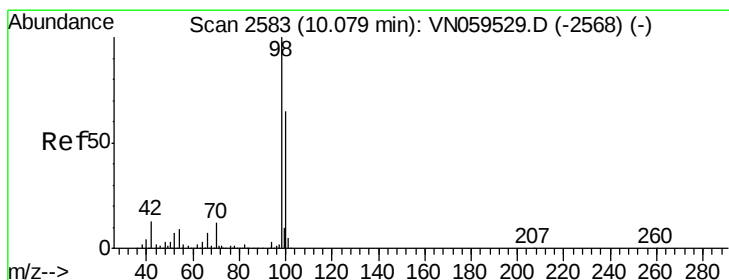
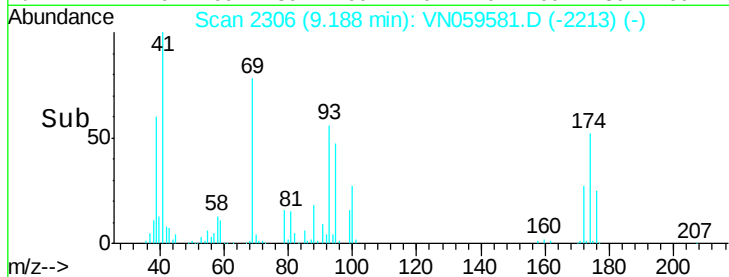
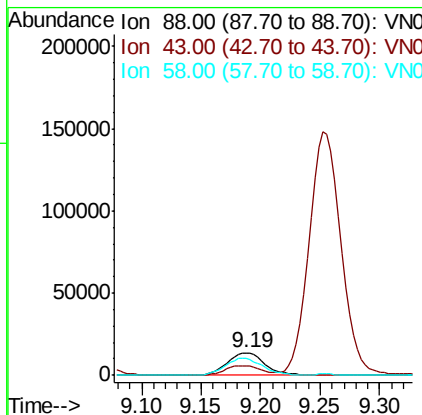
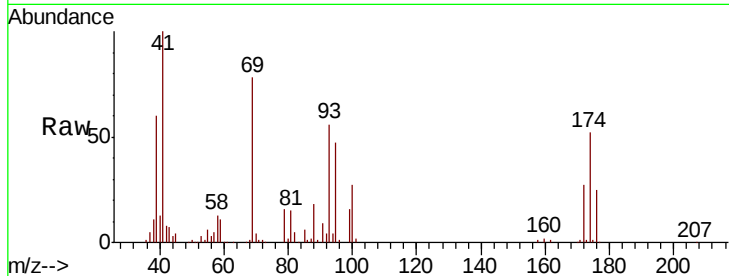
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	30648
Ion Ratio	Lower	Upper	
88	100		
43	42.1	31.4	47.0
58	73.1	61.0	91.6

Manual Integrations
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#50

Toluene-d8

Concen: 53.581 ug/l

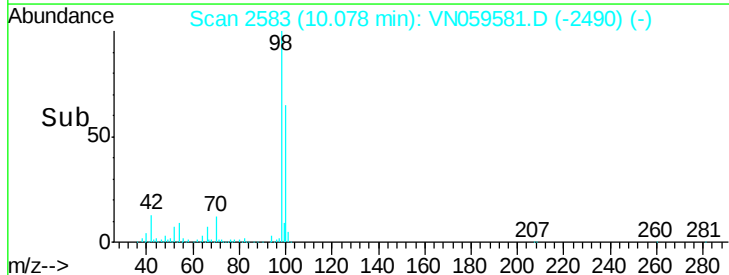
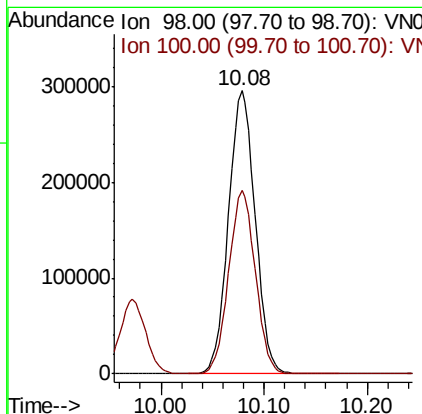
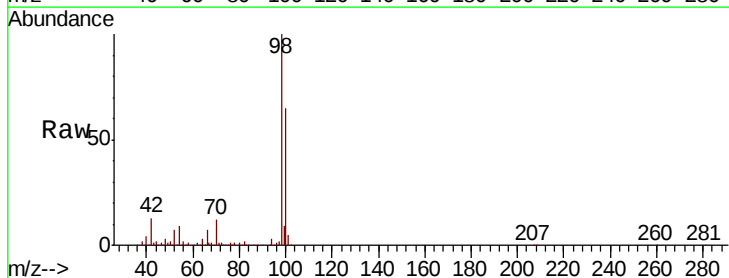
RT: 10.08 min Scan# 2583

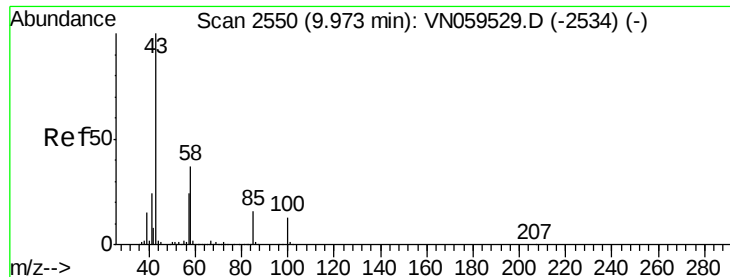
Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	98	Resp:	534637
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 221.145 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1019652

Ion Ratio Lower Upper

43 100

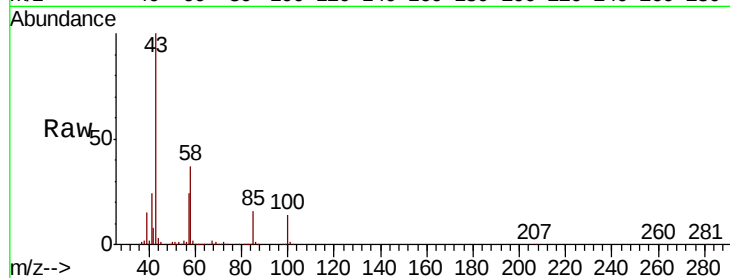
58 37.2 30.1 45.1

Manual Integrations

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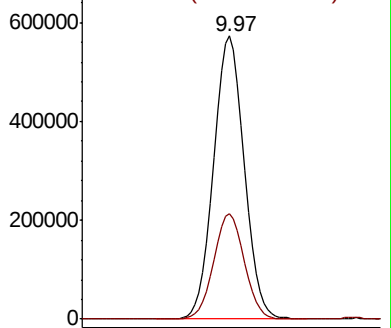
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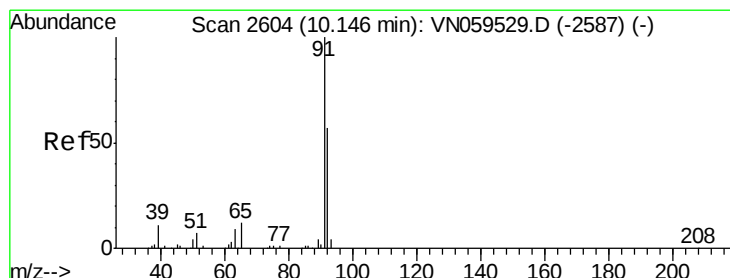
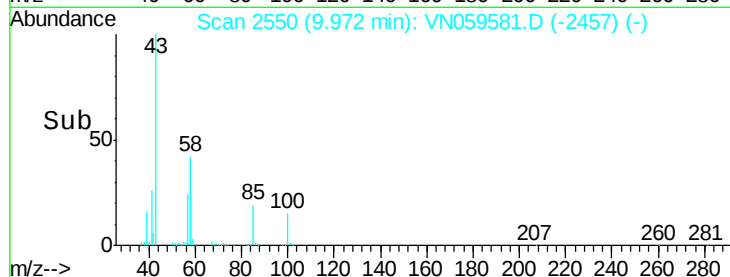


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#52

Toluene

Concen: 46.004 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059581.D

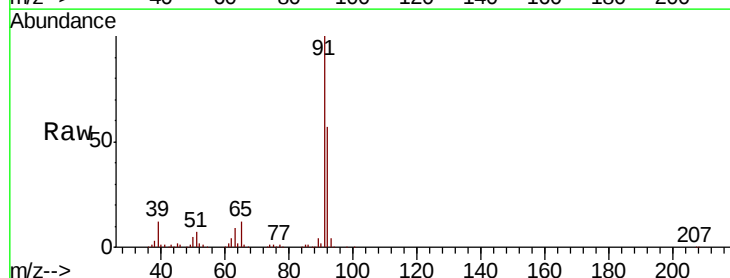
Acq: 12 Dec 2019 18:01

Tgt Ion: 92 Resp: 329039

Ion Ratio Lower Upper

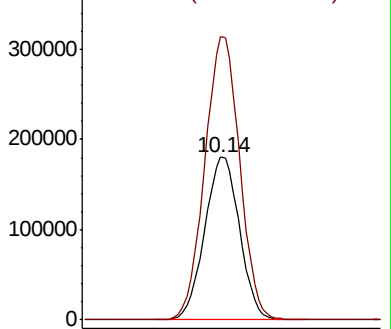
92 100

91 174.8 140.7 211.1

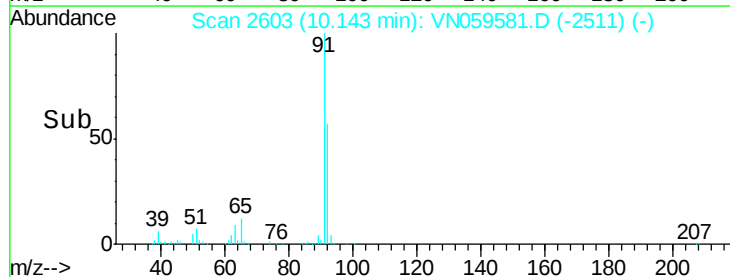


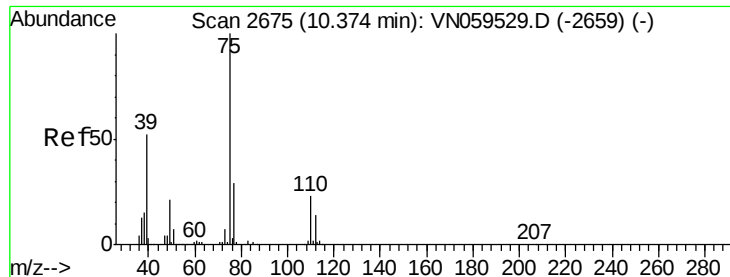
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





#53

t-1,3-Dichloropropene

Concen: 46.651 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 227025

Ion Ratio Lower Upper

75 100

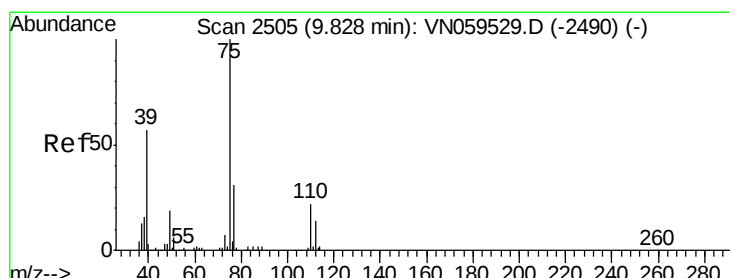
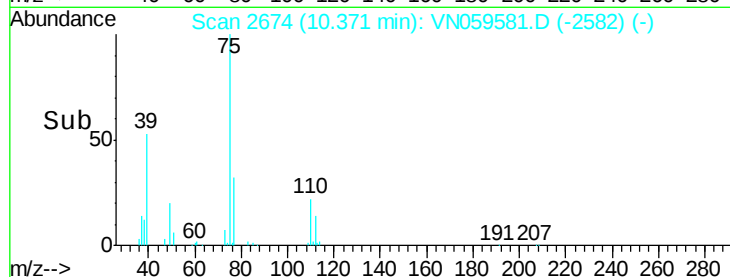
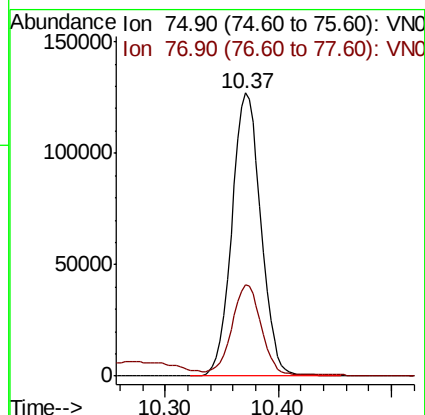
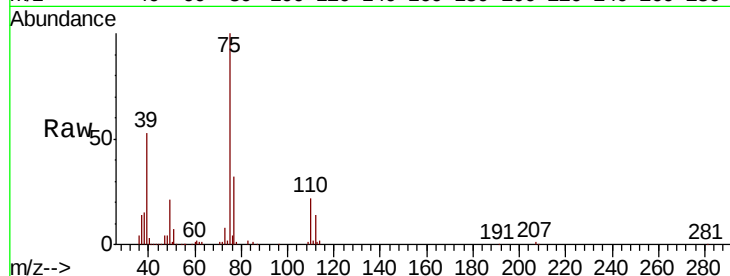
77 31.7 24.5 36.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 47.340 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

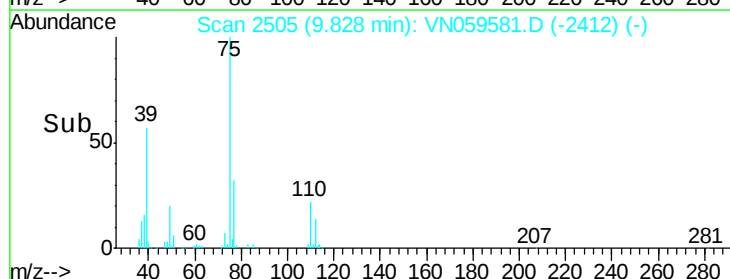
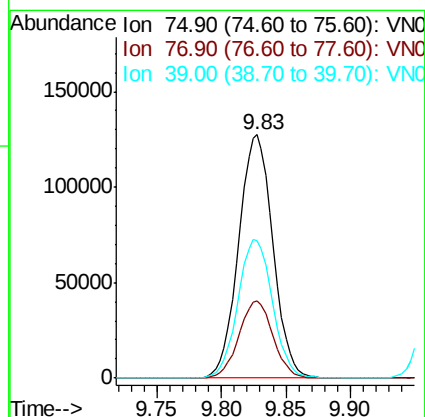
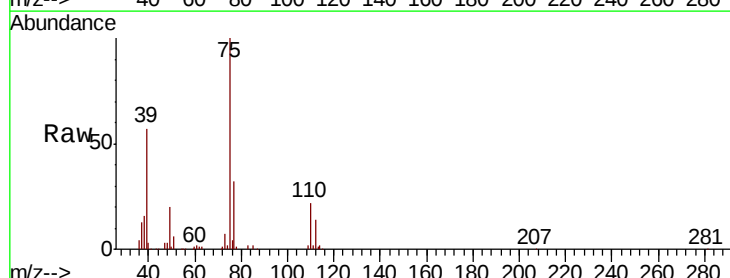
Tgt Ion: 75 Resp: 235786

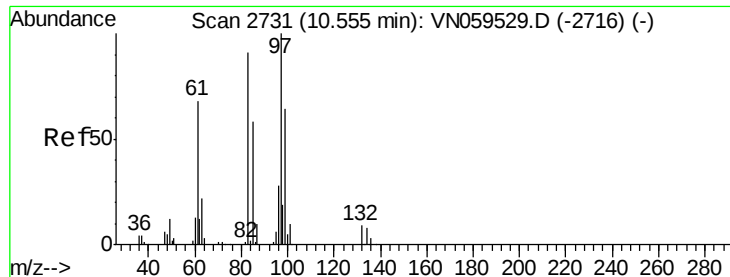
Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

39 56.4 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 45.736 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

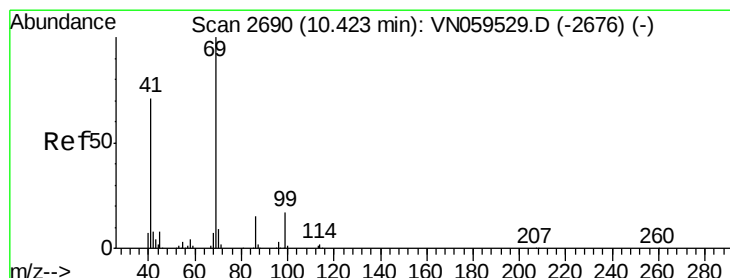
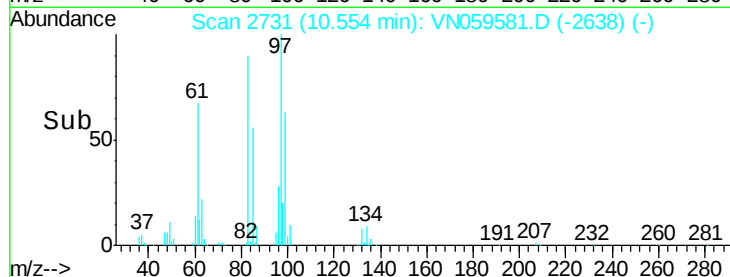
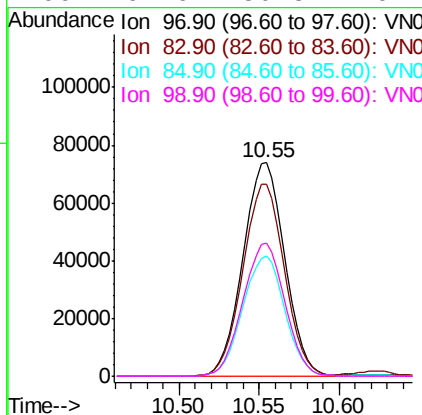
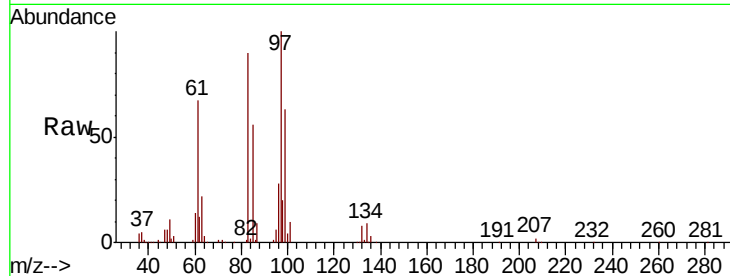
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	132301
Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.9	109.3
85	56.3	46.1	69.1
99	62.6	50.8	76.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 41.094 ug/l

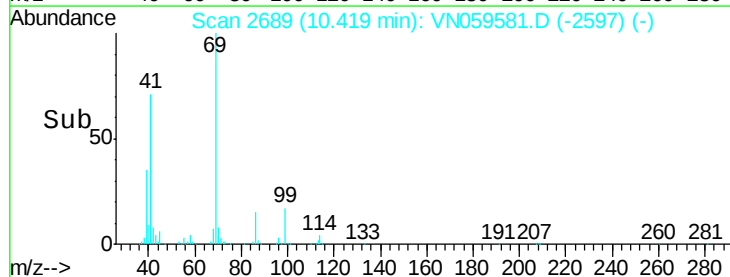
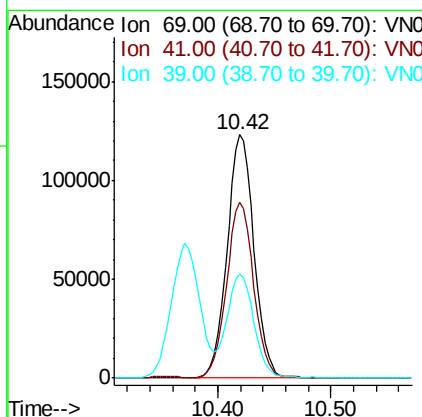
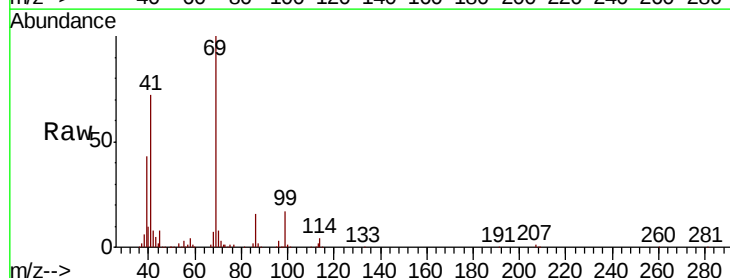
RT: 10.42 min Scan# 2689

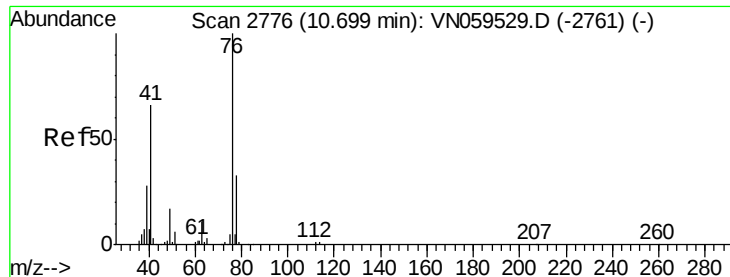
Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	69	Resp:	202803
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.7	86.5
39	42.9	34.2	51.2





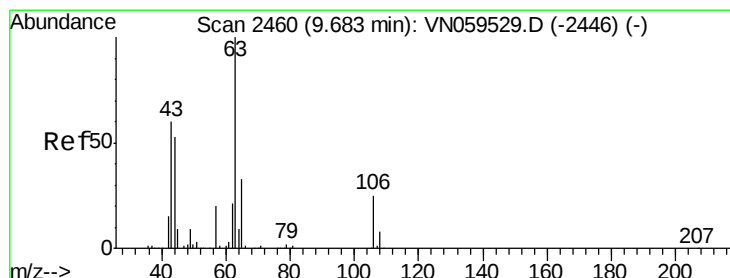
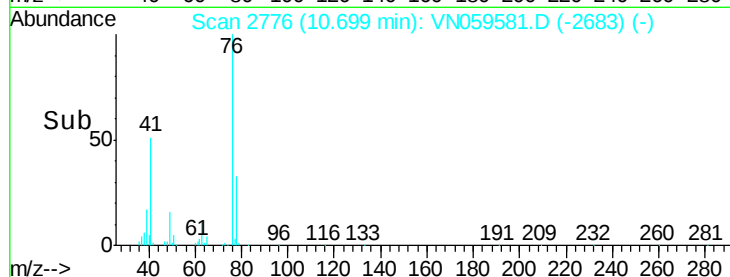
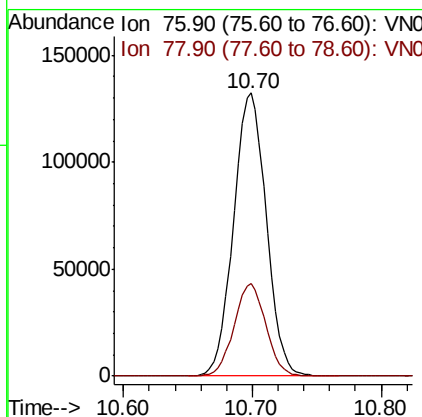
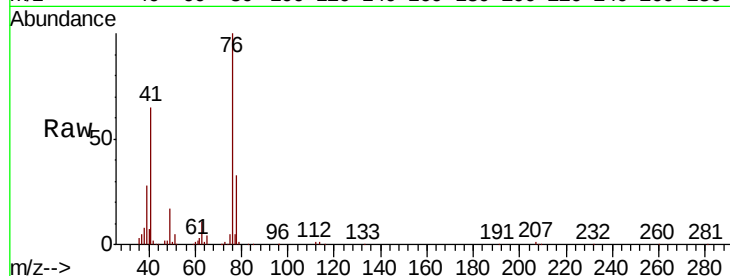
#57
 1,3-Dichloropropane
 Concen: 47.239 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

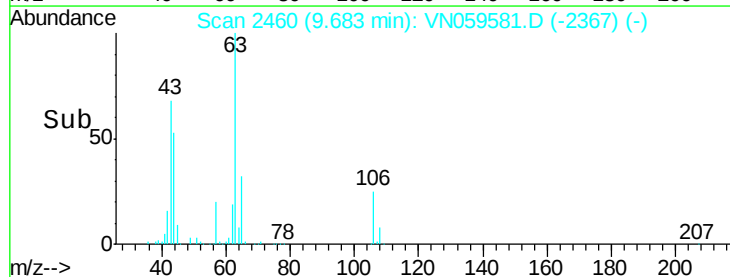
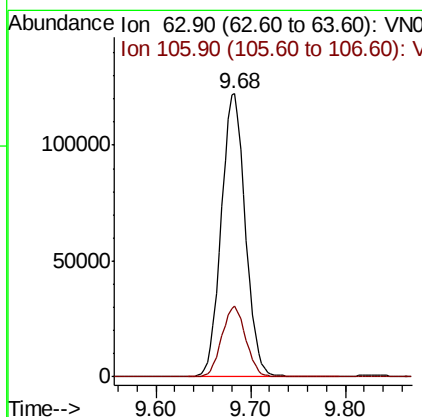
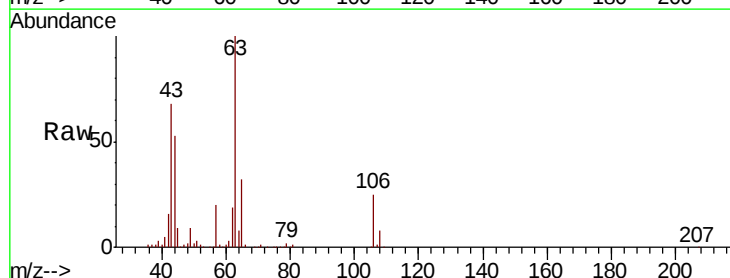
Manual Integrations
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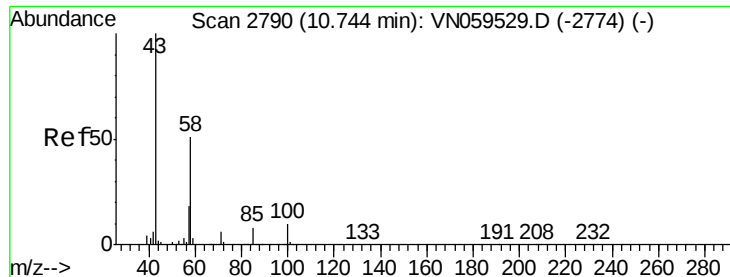
apatel
 12/13/2019 2:17:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 182.893 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.8	19.9	29.9





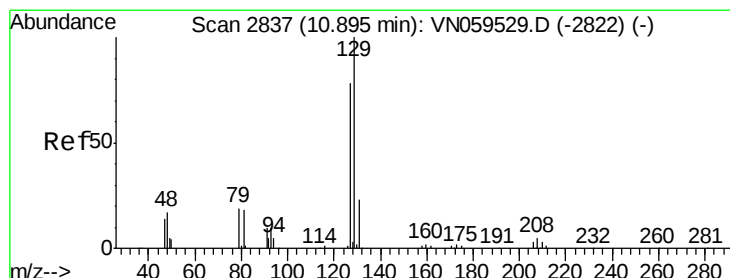
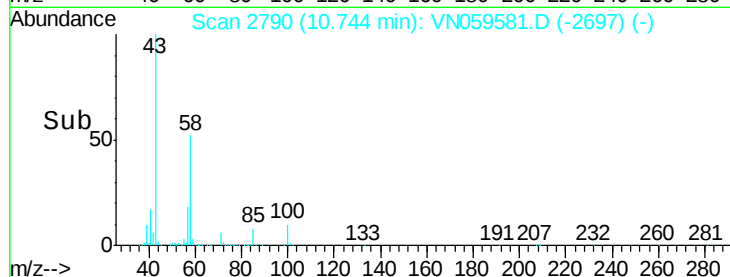
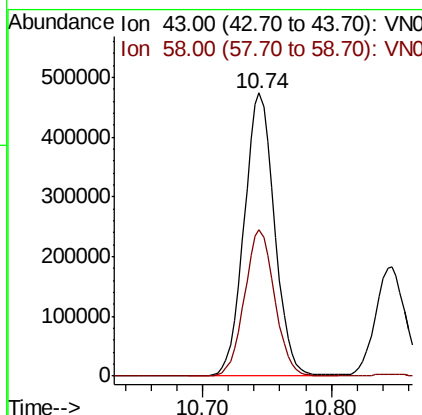
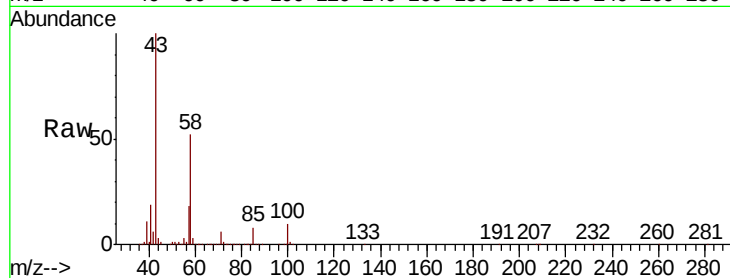
#59
2-Hexanone
Concen: 220.447 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 775101
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.6

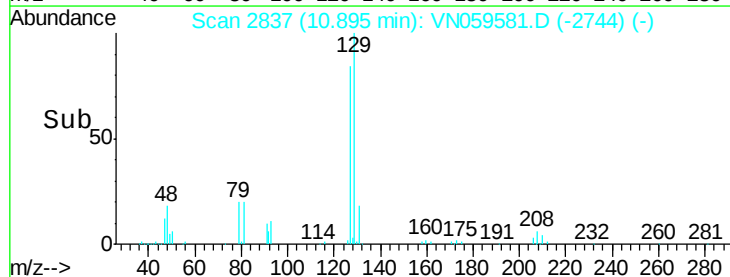
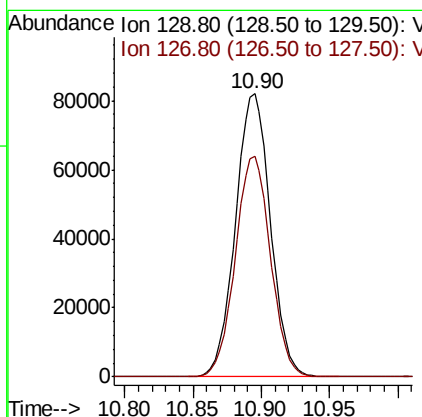
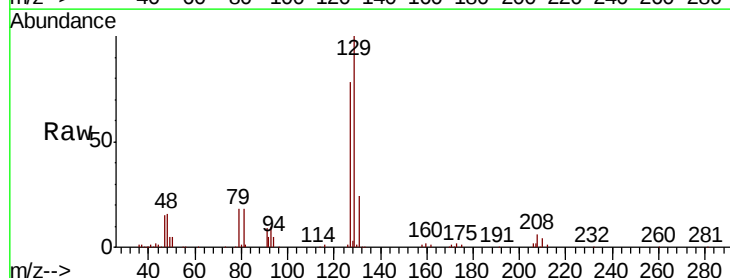
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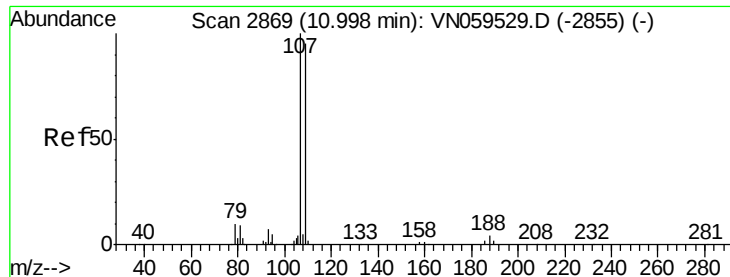
apatel
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#60
Dibromochloromethane
Concen: 42.531 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion: 129 Resp: 146284
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





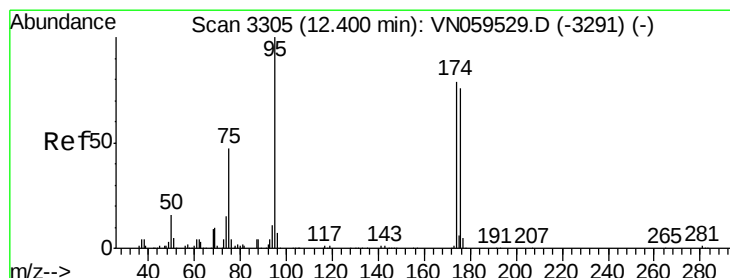
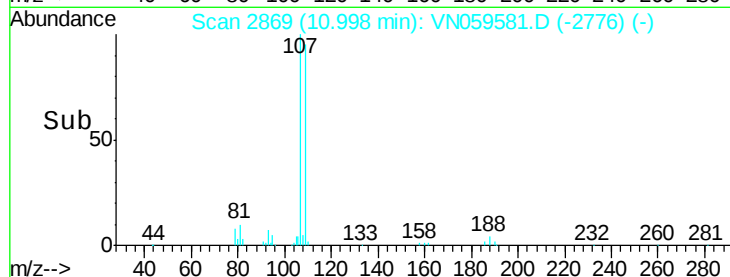
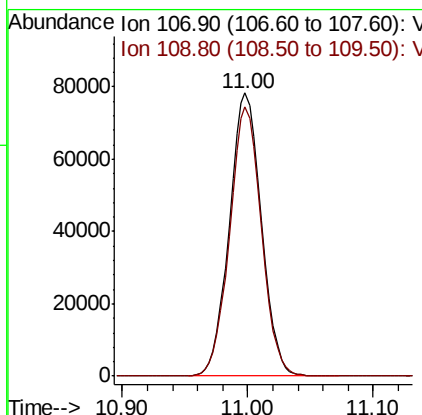
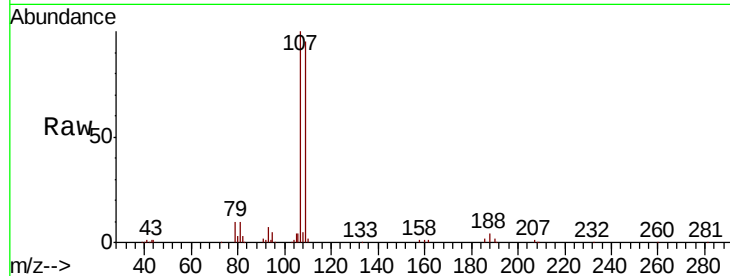
#61
 1,2-Dibromoethane
 Concen: 45.971 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

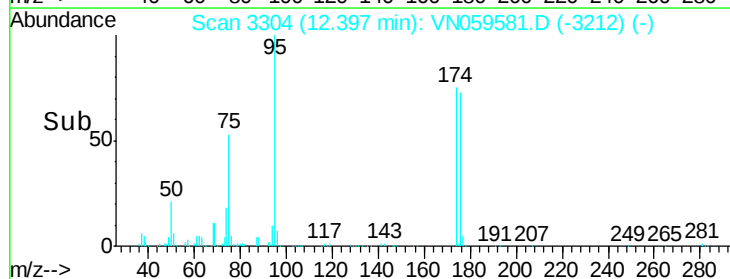
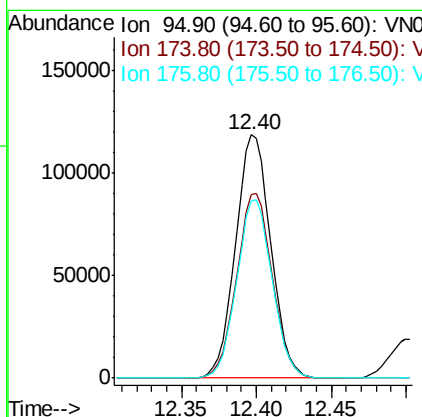
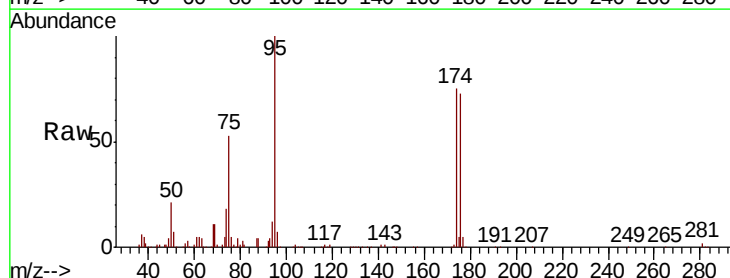
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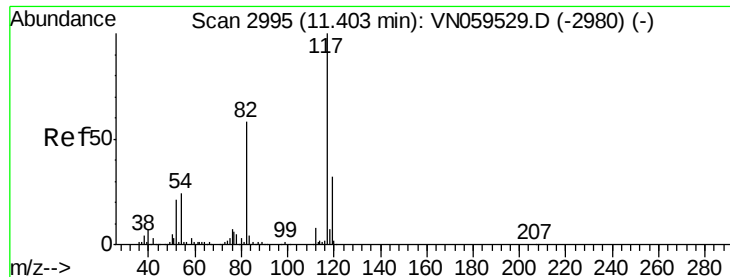
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.665 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	158.0
176	73.7	0.0	155.4





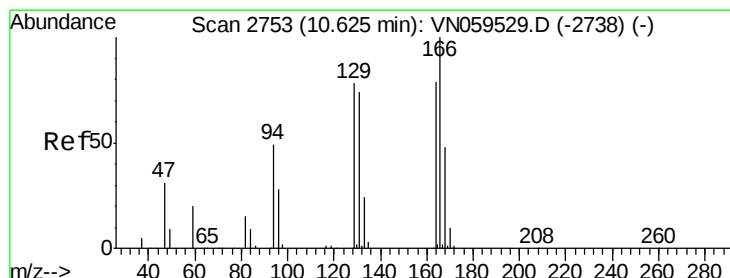
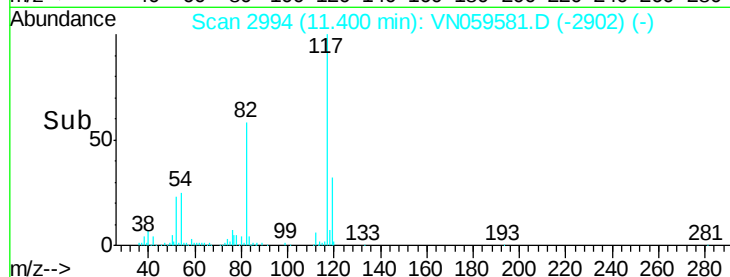
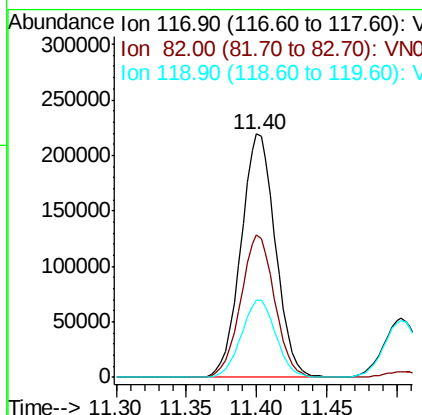
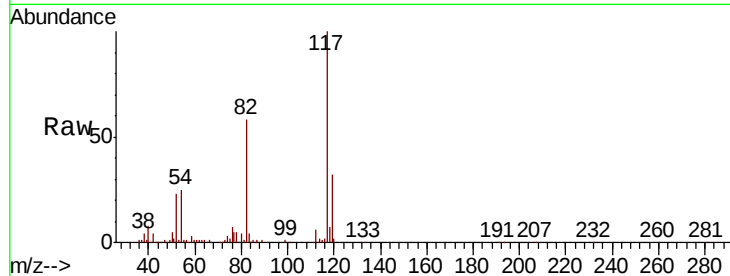
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.5	69.7
119	31.7	25.2	37.8

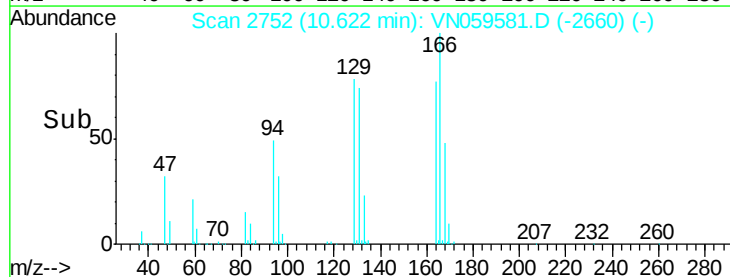
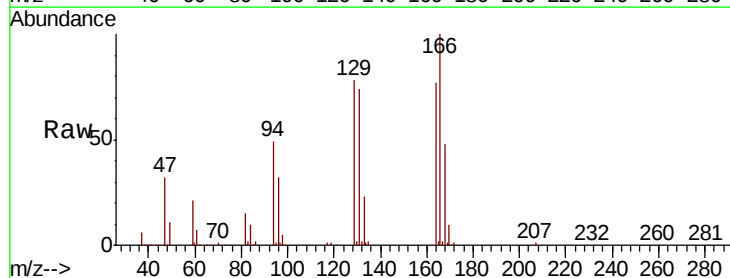
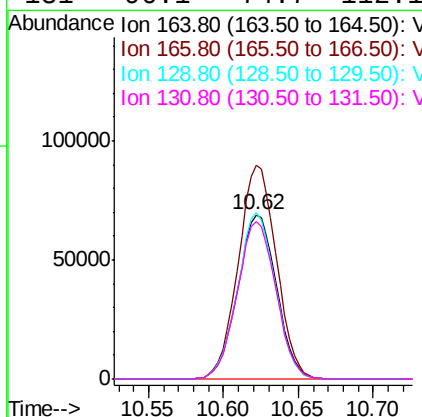
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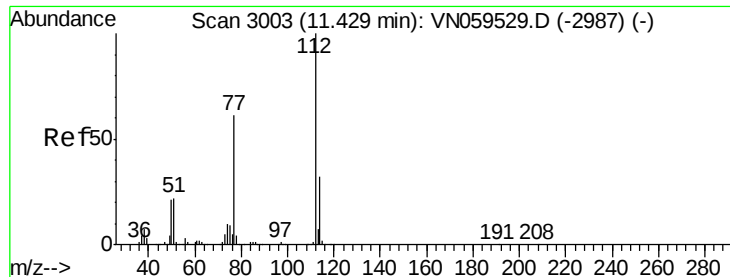
apatel
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#64
Tetrachloroethene
Concen: 45.479 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.6	152.4
129	101.2	79.0	118.6
131	96.1	74.7	112.1





#65

Chlorobenzene

Concen: 44.115 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 346720

Ion Ratio Lower Upper

112 100

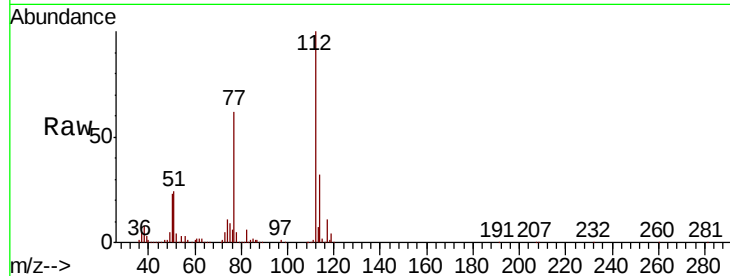
114 31.7 26.0 39.0

Manual Integrations

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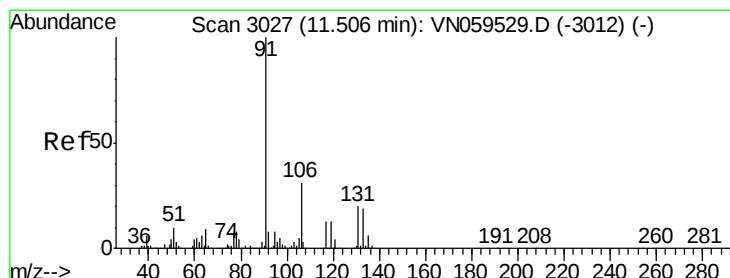
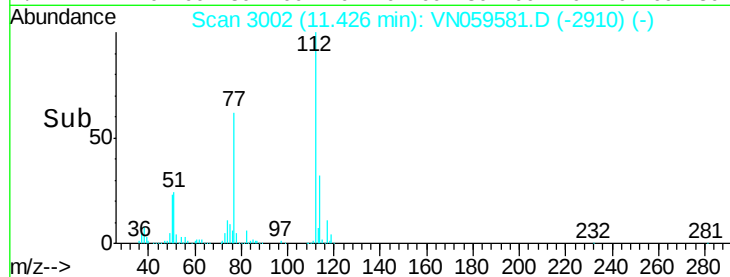
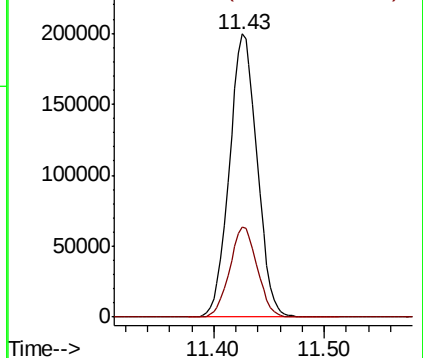
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.475 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

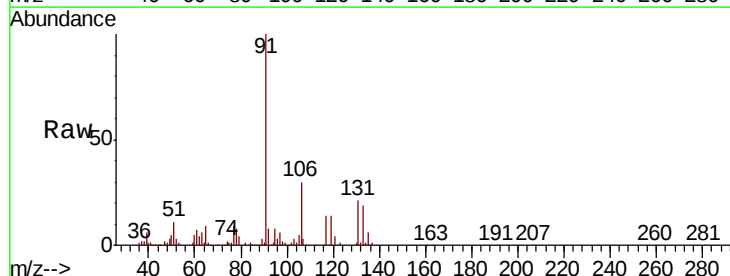
Tgt Ion:131 Resp: 133300

Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

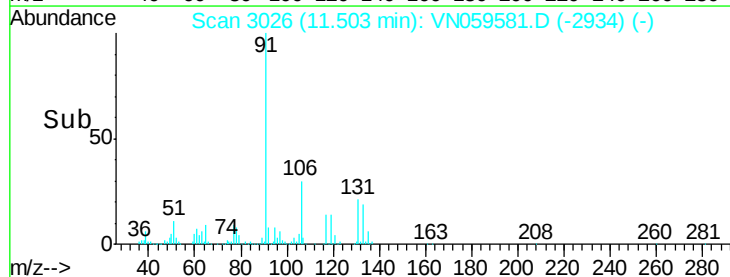
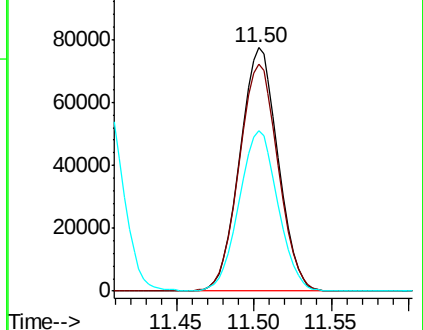
119 67.0 33.4 100.2

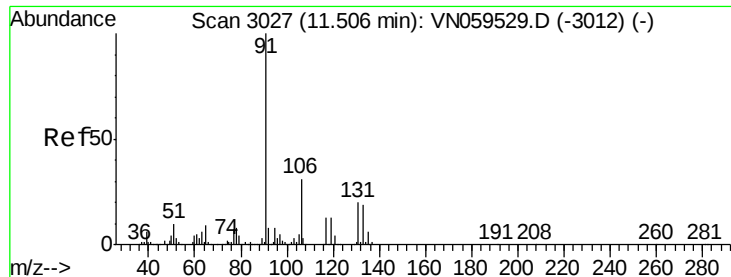


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 45.102 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 637878

Ion Ratio Lower Upper

91 100

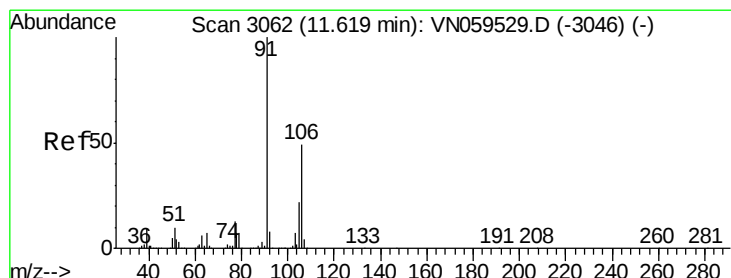
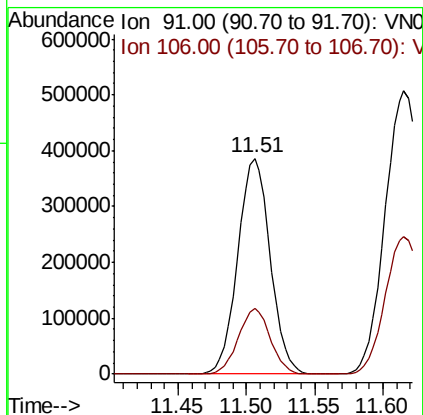
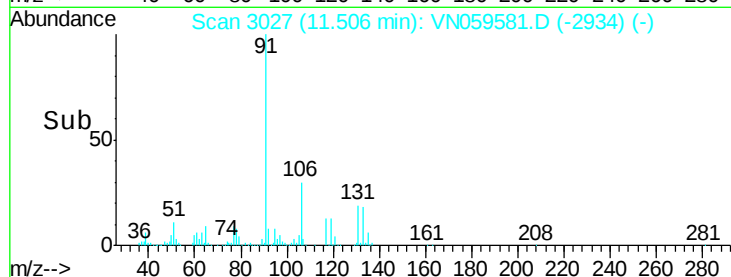
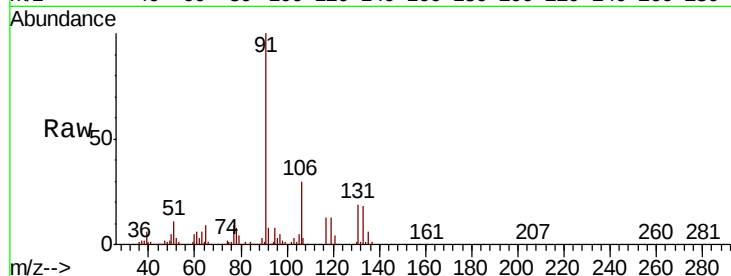
106 30.3 24.5 36.7

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#68

m/p-Xylenes

Concen: 89.363 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059581.D

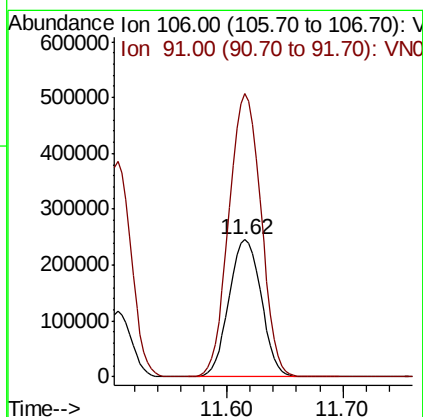
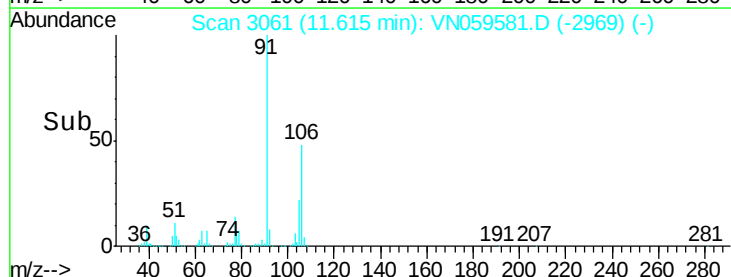
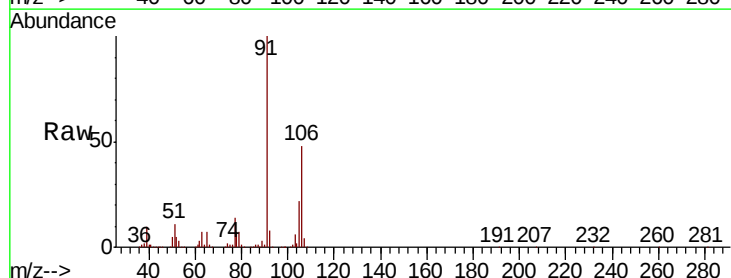
Acq: 12 Dec 2019 18:01

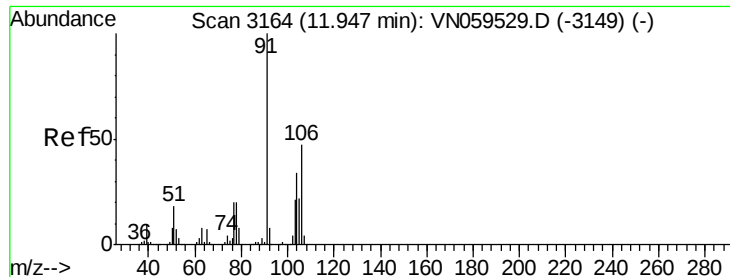
Tgt Ion: 106 Resp: 474111

Ion Ratio Lower Upper

106 100

91 205.2 162.9 244.3





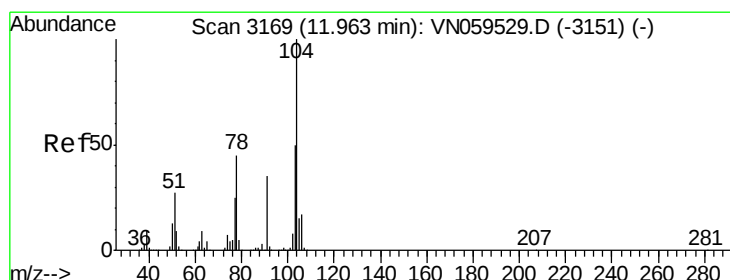
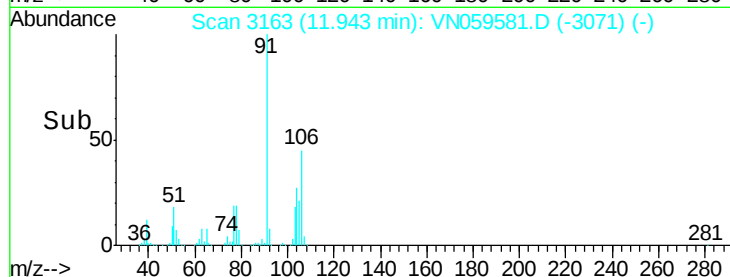
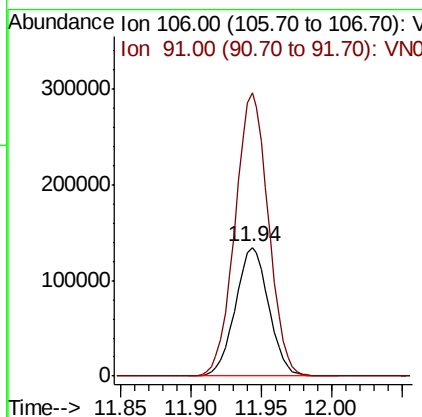
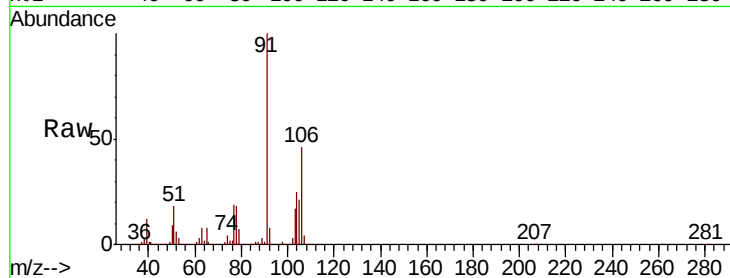
#69
o-Xylene
Concen: 45.209 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 223248
Ion Ratio Lower Upper
106 100
91 220.2 106.7 319.9

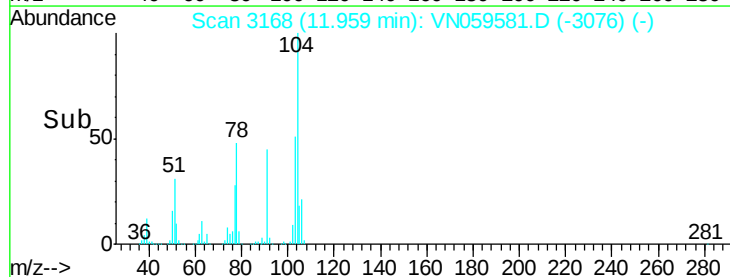
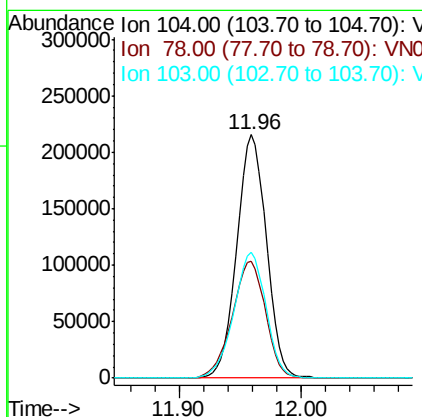
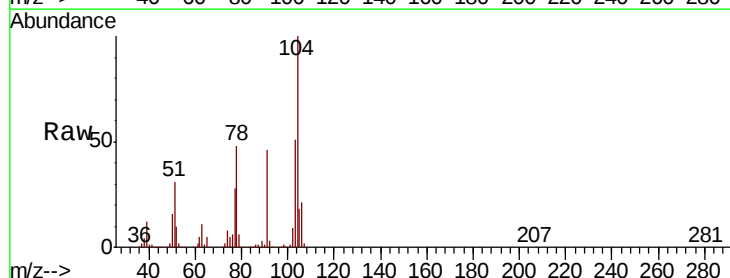
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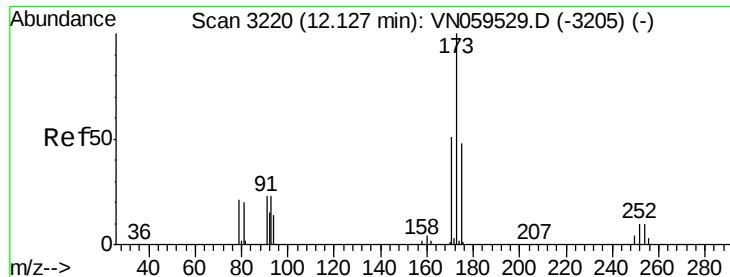
apatel
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#70
Styrene
Concen: 44.374 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion:104 Resp: 363022
Ion Ratio Lower Upper
104 100
78 53.8 40.6 60.8
103 56.0 43.9 65.9





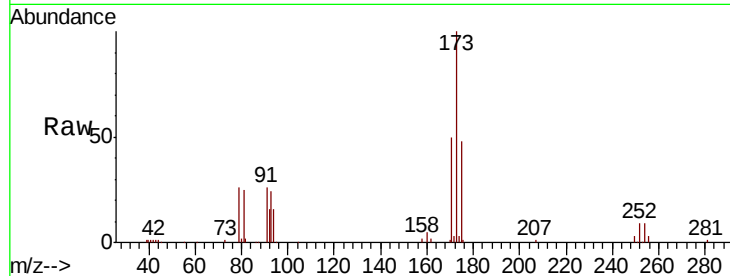
#71
Bromoform
Concen: 45.518 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

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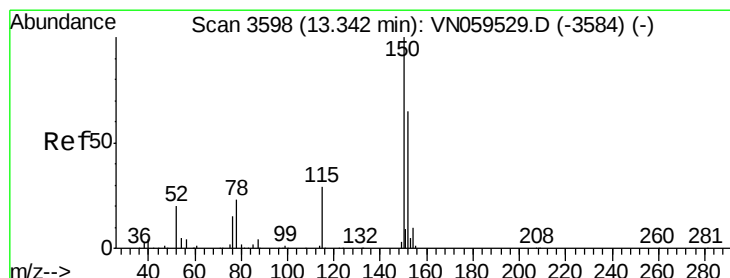
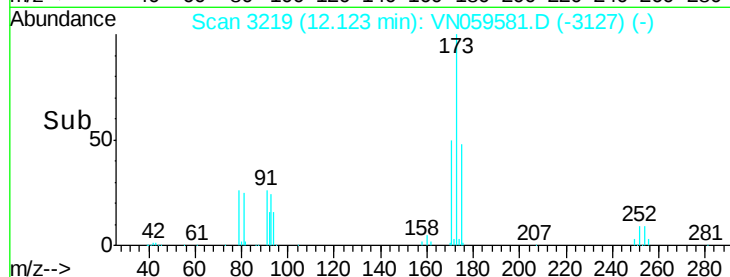
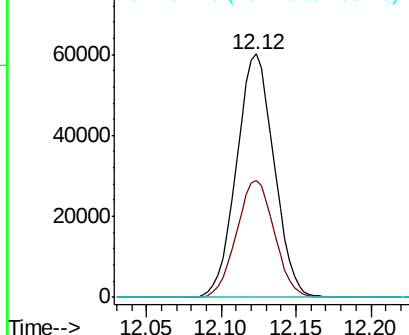


Abundance

Ion 172.70 (172.40 to 173.40): V

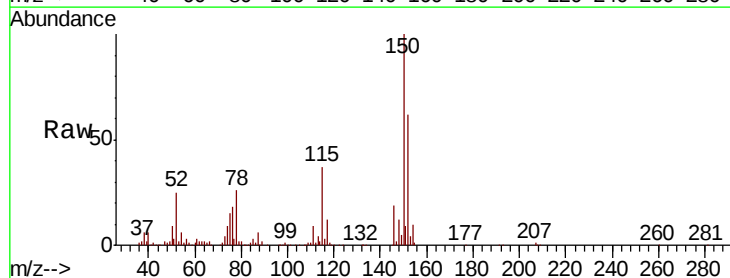
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.4	88.2
150	170.3	0.0	342.4

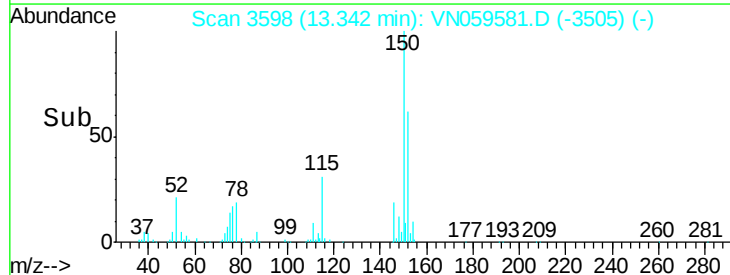
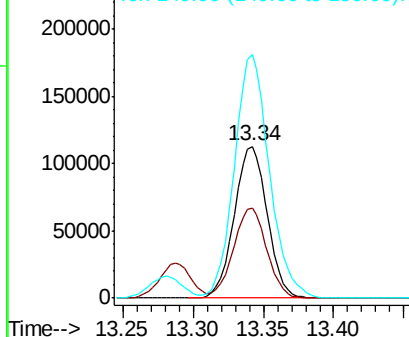


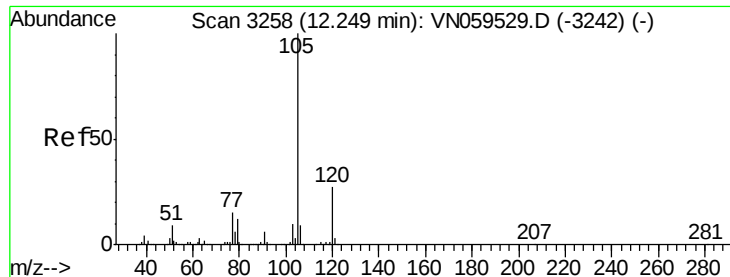
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.796 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 606009

Ion Ratio Lower Upper

105 100

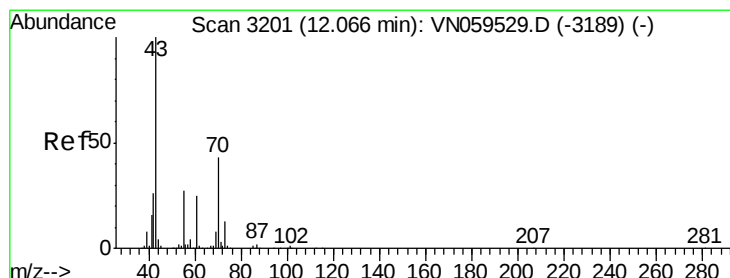
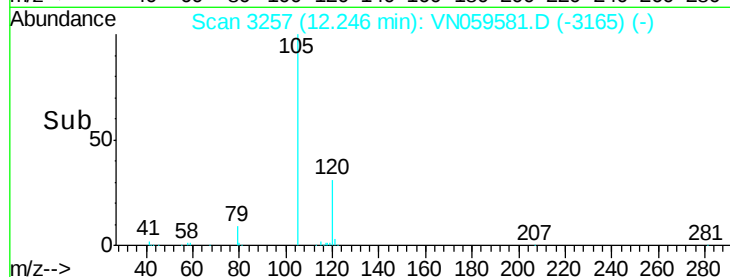
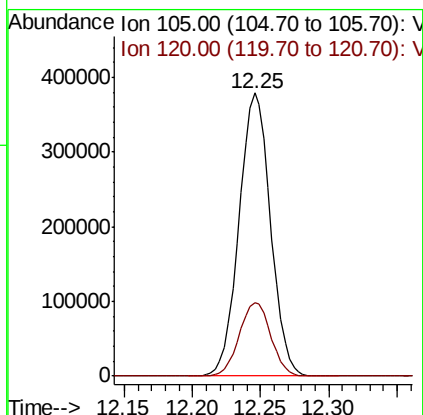
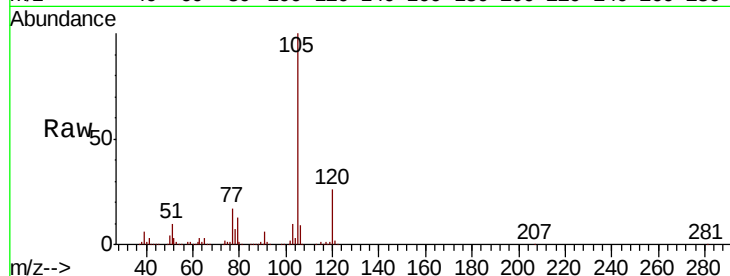
120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 48.412 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion: 43 Resp: 291797

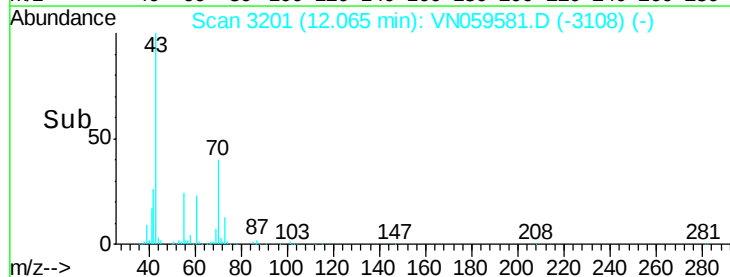
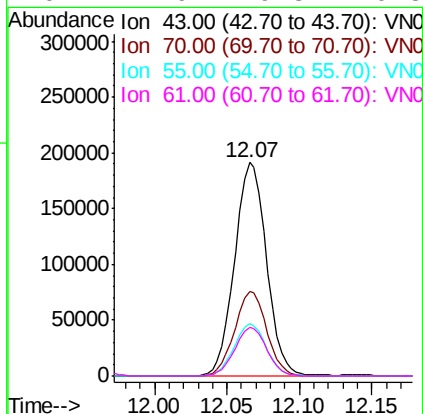
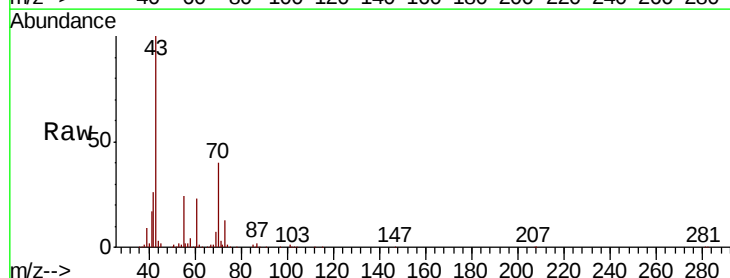
Ion Ratio Lower Upper

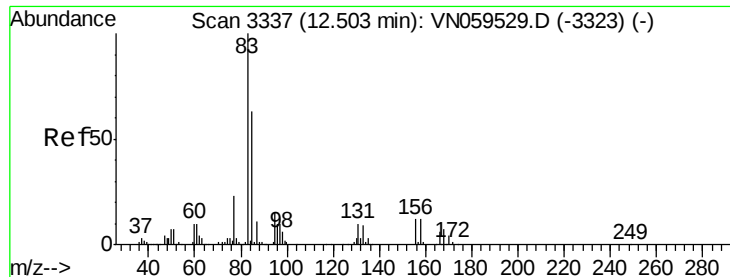
43 100

70 40.1 34.2 51.4

55 25.0 21.3 31.9

61 22.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 42.099 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 197388

Ion Ratio Lower Upper

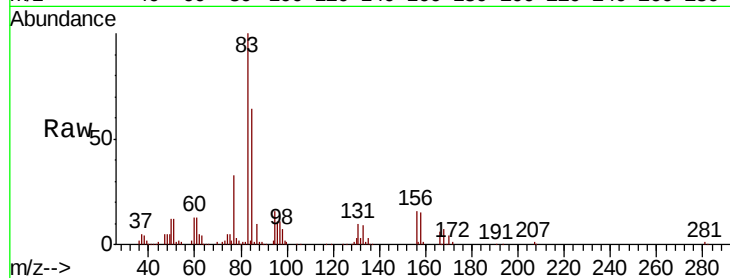
83 100

131 9.9 5.0 14.9

85 64.4 31.6 95.0

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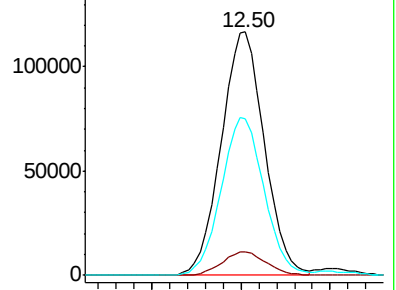
apatel
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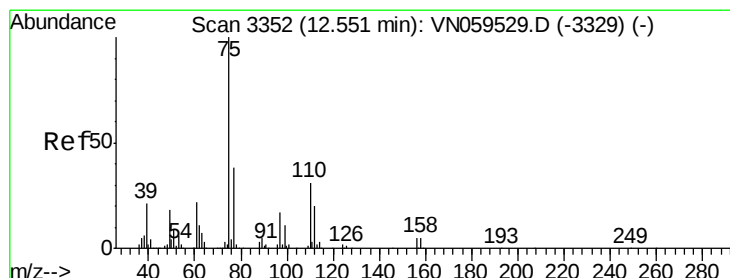
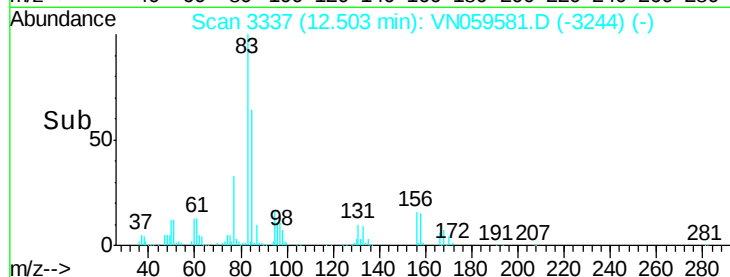
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 42.900 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059581.D

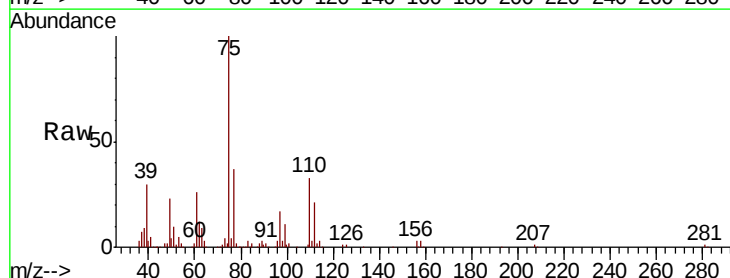
Acq: 12 Dec 2019 18:01

Tgt Ion: 75 Resp: 202372

Ion Ratio Lower Upper

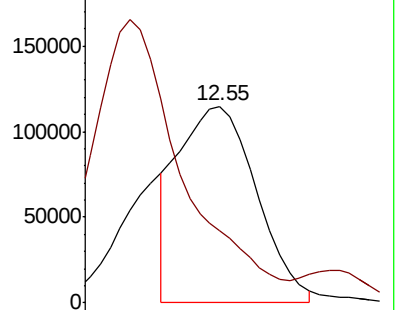
75 100

77 0.0 0.0 0.0

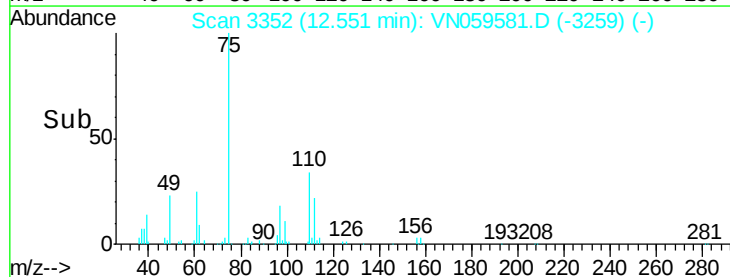


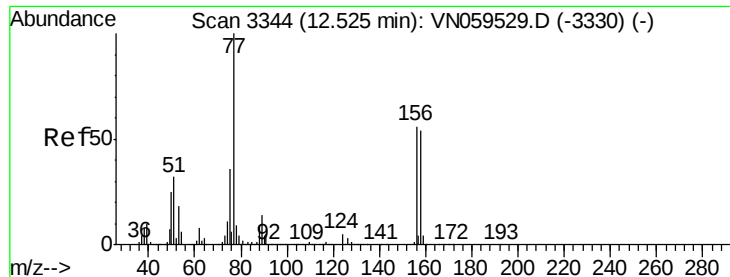
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 41.667 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

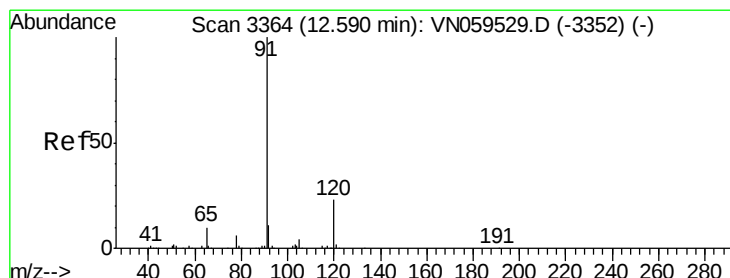
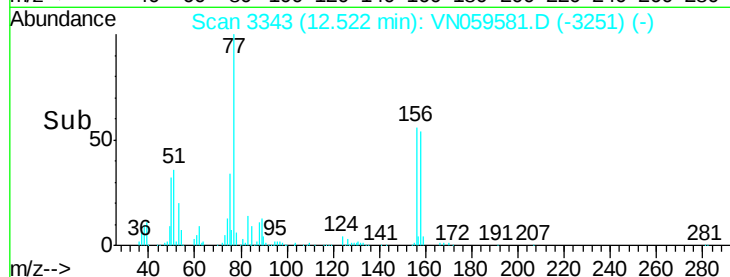
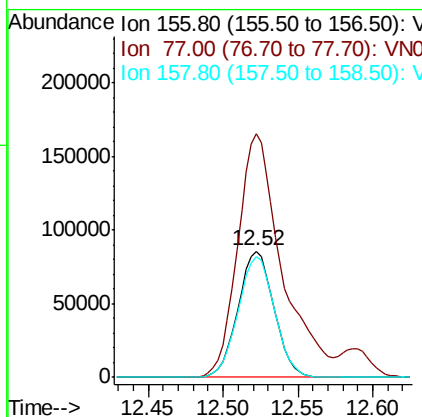
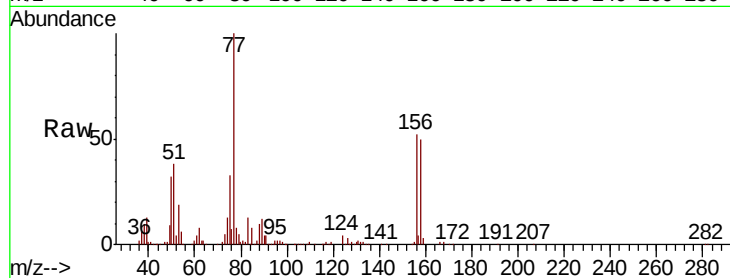
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	143535
Ion Ratio	Lower	Upper	
156	100		
77	236.3	109.3	327.8
158	97.0	48.6	145.8

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#78

n-propylbenzene

Concen: 42.364 ug/l

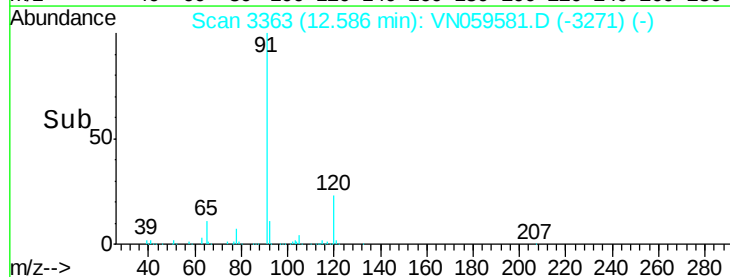
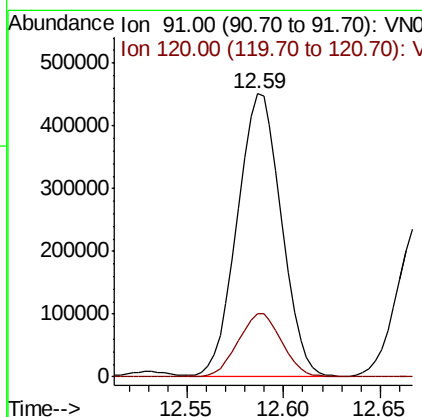
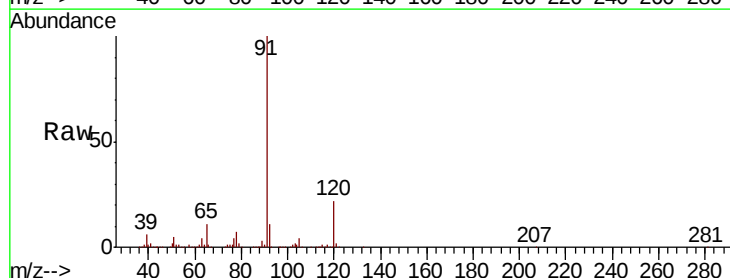
RT: 12.59 min Scan# 3363

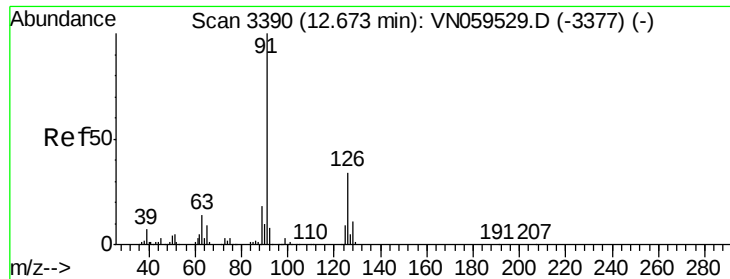
Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	91	Resp:	720331
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.4	34.1





#79

2-Chlorotoluene

Concen: 41.679 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 422584

Ion Ratio Lower Upper

91 100

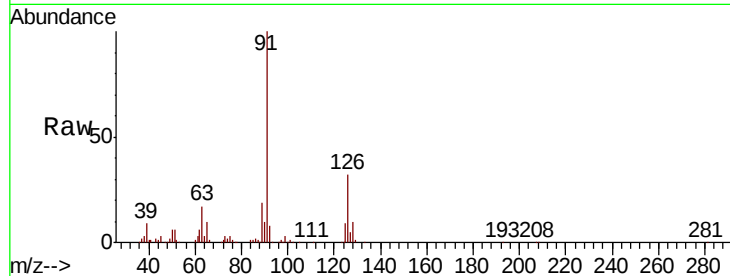
126 32.5 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN059529.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059529.D (-3377) (-)

500000

400000

300000

200000

100000

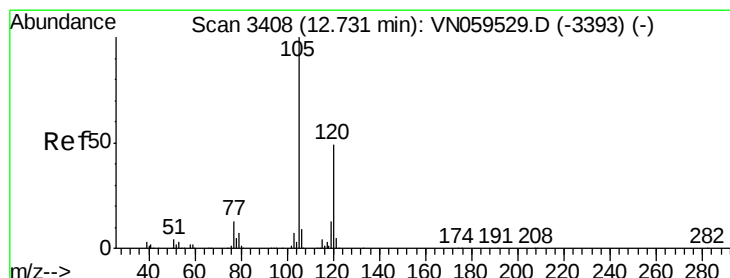
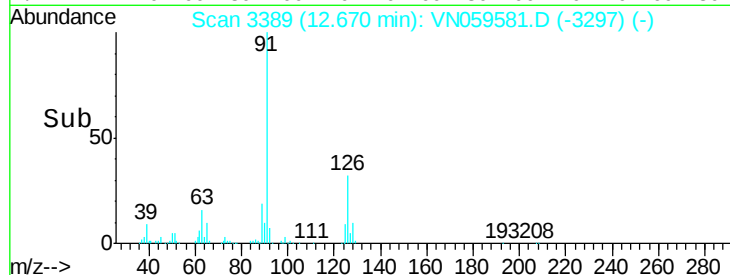
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 43.280 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059581.D

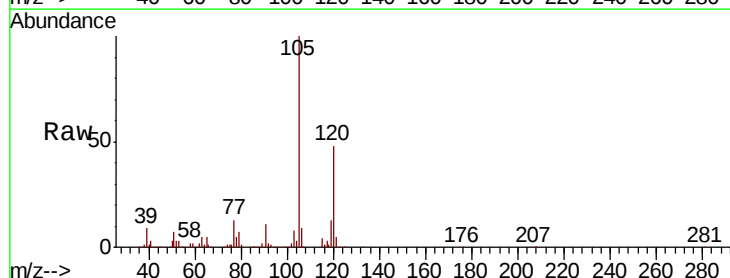
Acq: 12 Dec 2019 18:01

Tgt Ion: 105 Resp: 513537

Ion Ratio Lower Upper

105 100

120 47.7 24.5 73.5



Abundance Ion 105.00 (104.70 to 105.70): VN059529.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN059529.D (-3393) (-)

300000

200000

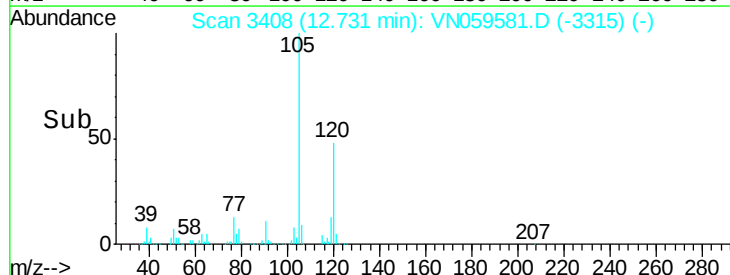
100000

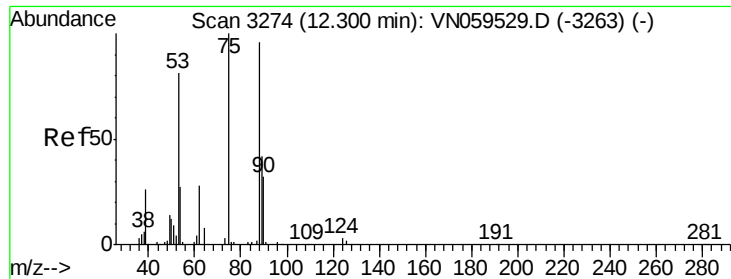
0

12.70

12.80

Time-->





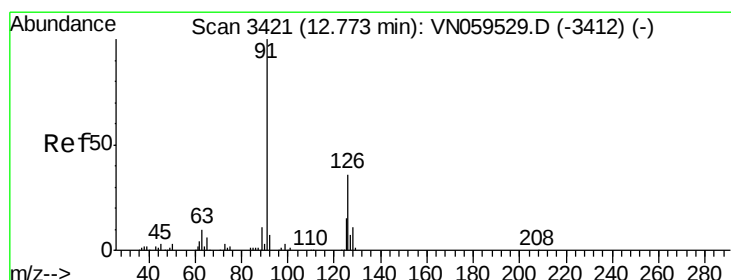
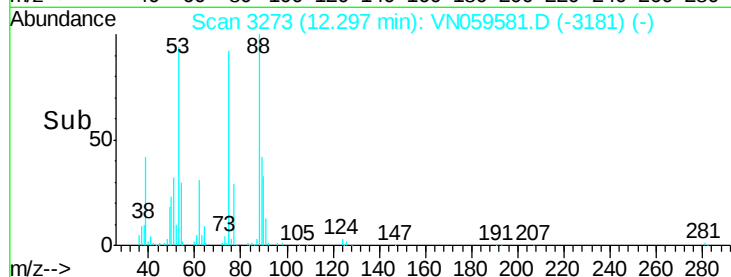
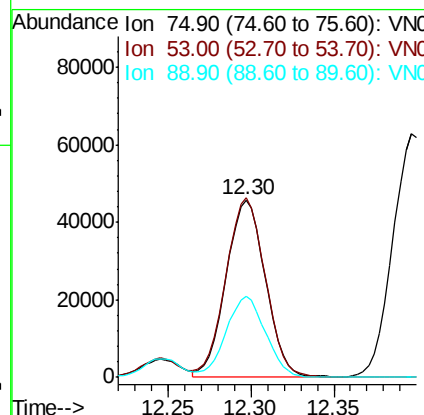
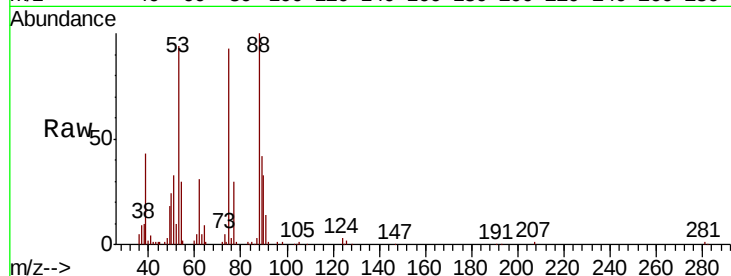
#81
trans-1,4-Dichloro-2-butene
Concen: 43.001 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.1	67.0	100.6#
89	46.2	35.5	53.3

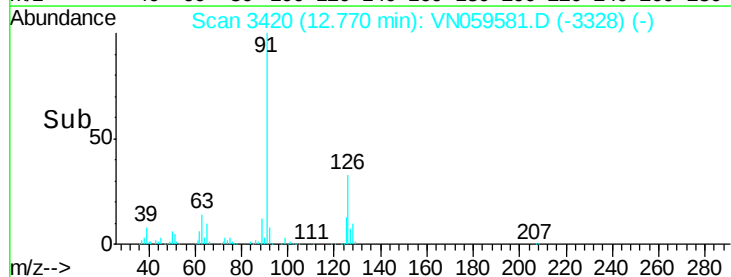
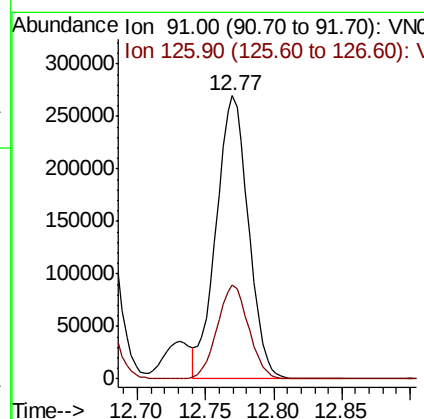
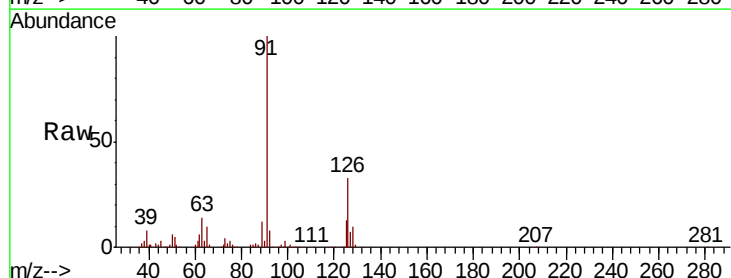
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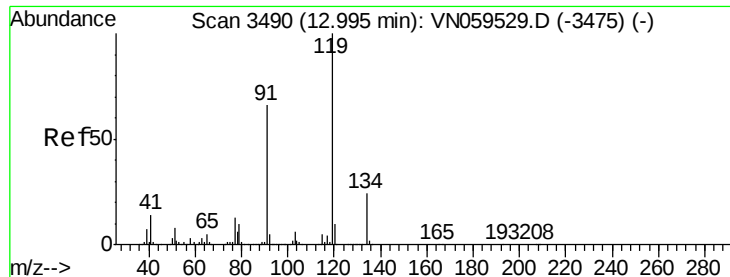
apatel
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#82
4-Chlorotoluene
Concen: 42.648 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.4





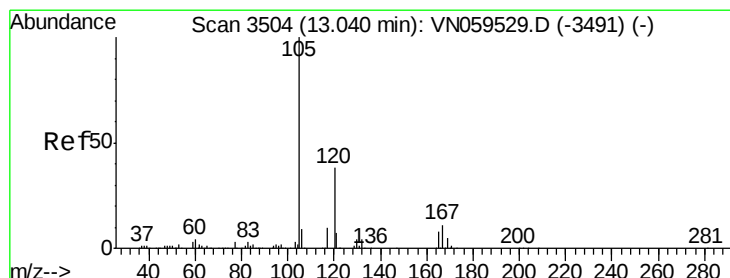
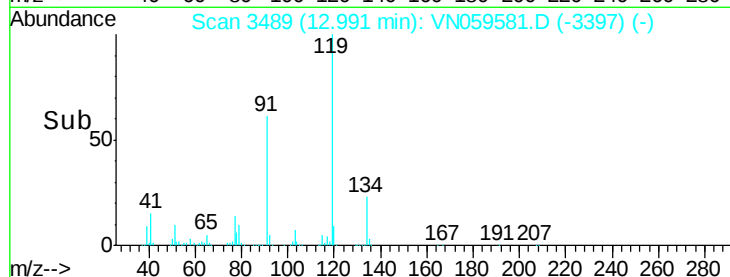
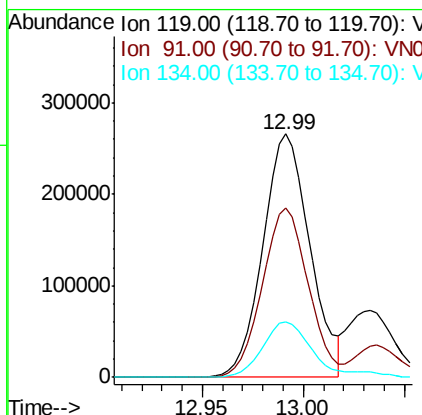
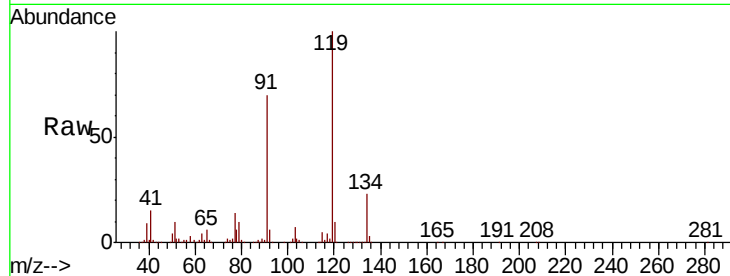
#83
tert-Butylbenzene
Concen: 43.569 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	32.8	98.4
134	24.9	12.8	38.3

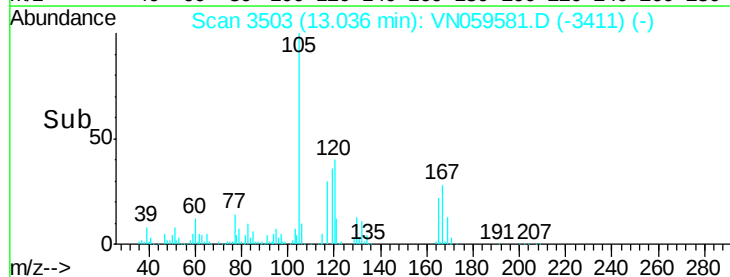
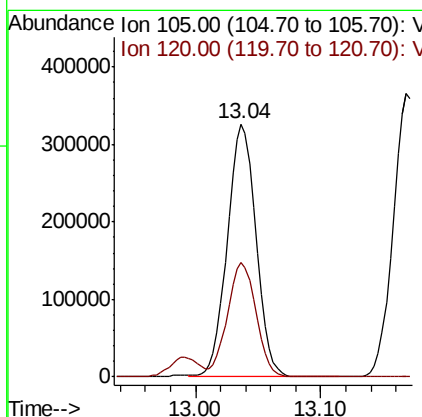
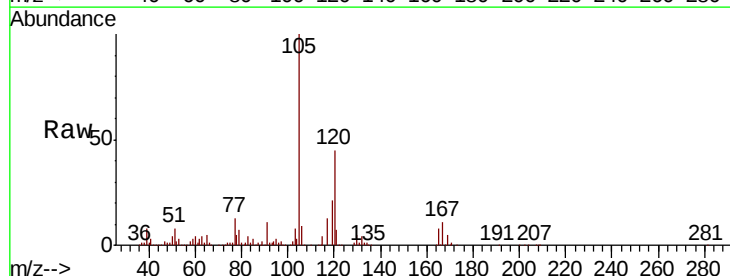
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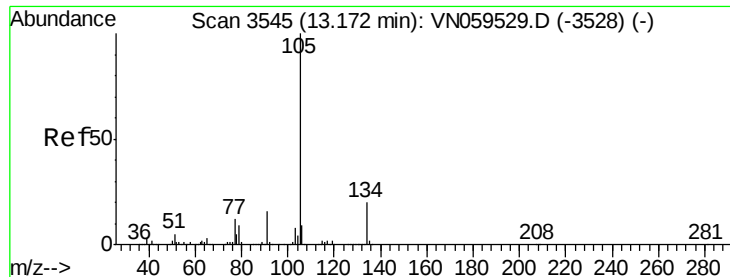
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 44.092 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 42.988 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 584237

Ion Ratio Lower Upper

105 100

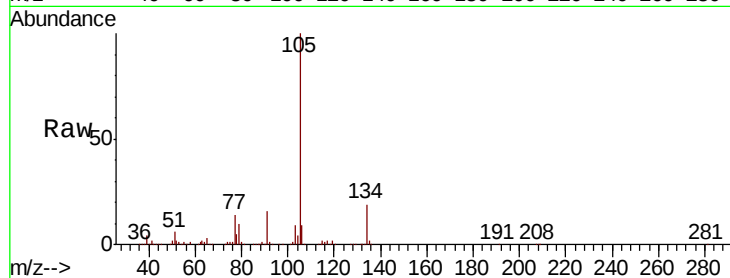
134 19.3 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

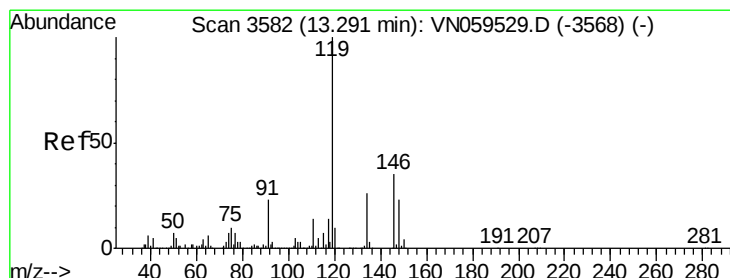
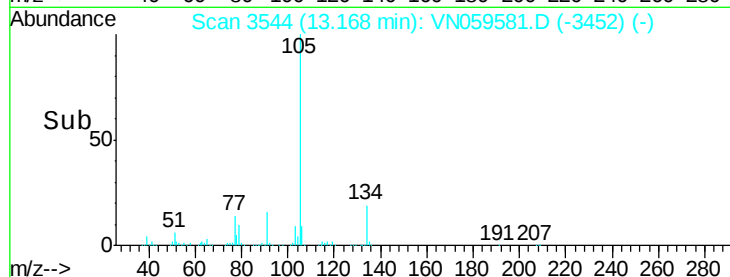
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 43.936 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

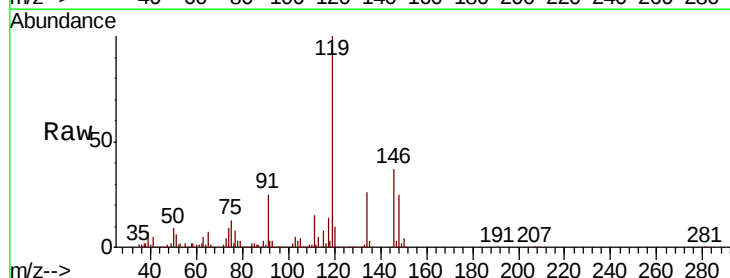
Tgt Ion:119 Resp: 533695

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

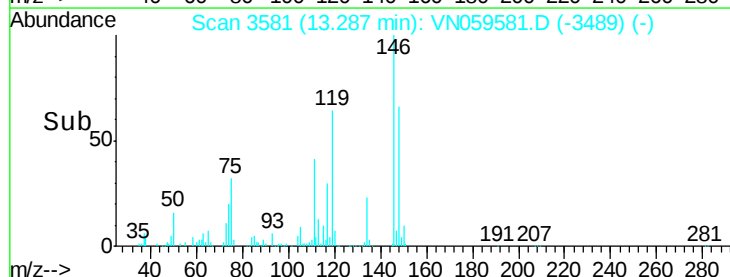
300000

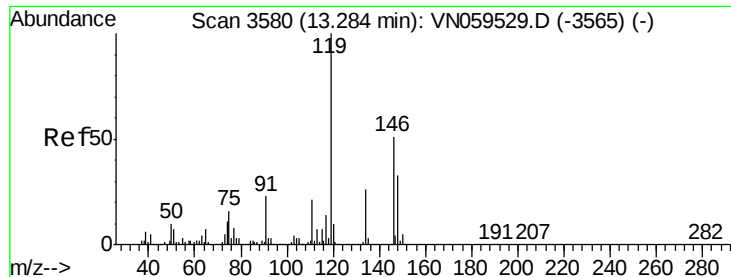
200000

100000

0

Time-->





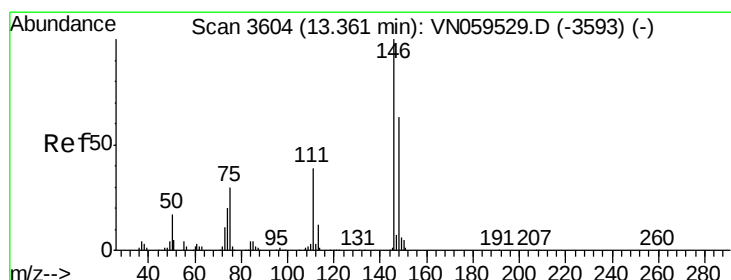
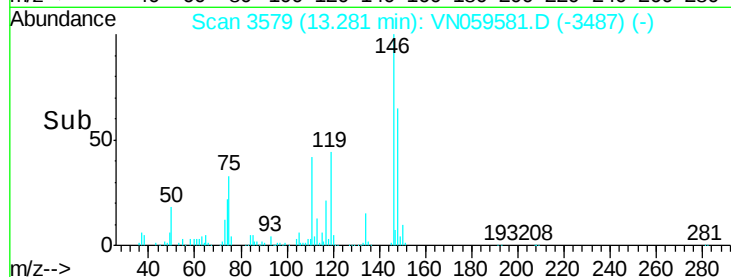
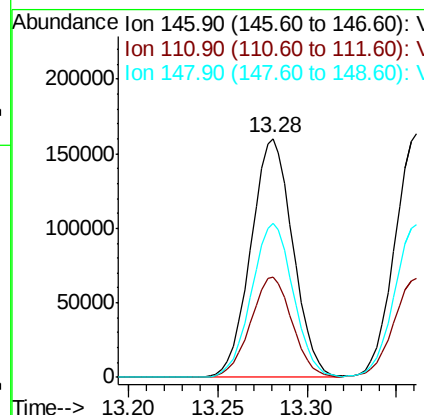
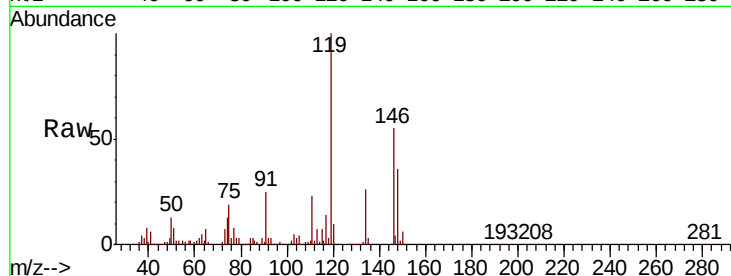
#87
 1,3-Dichlorobenzene
 Concen: 41.593 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.6	61.8
148	64.1	32.0	96.0

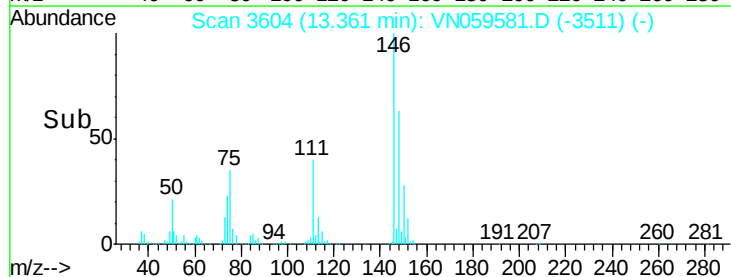
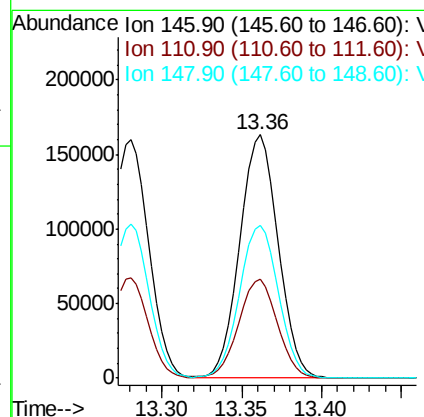
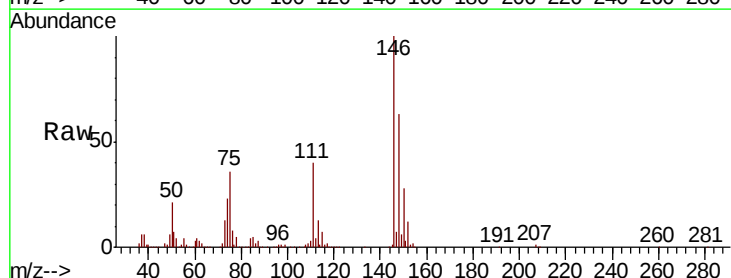
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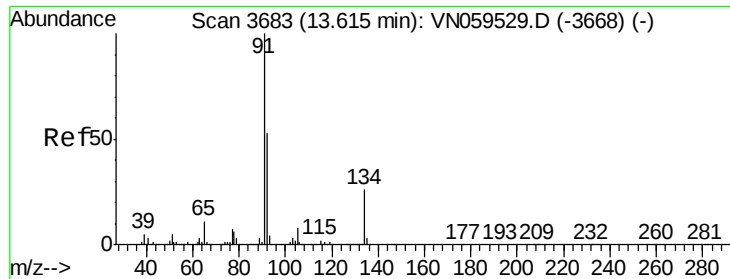
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 42.875 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	59.9
148	64.2	31.9	95.7





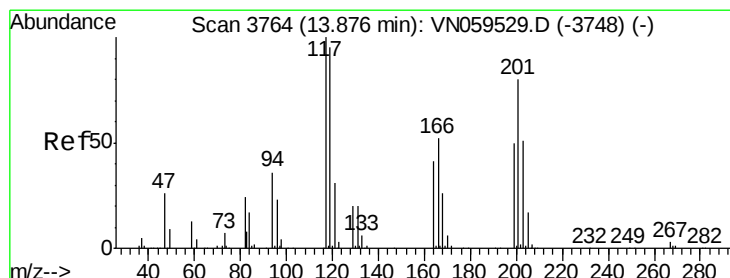
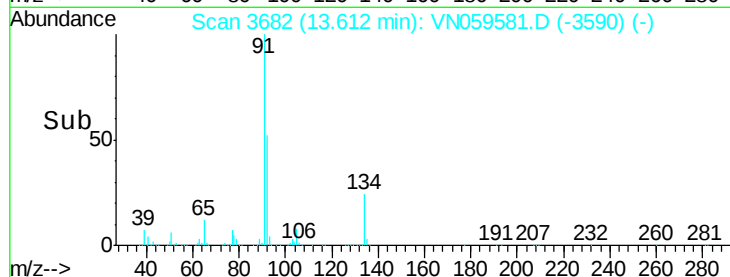
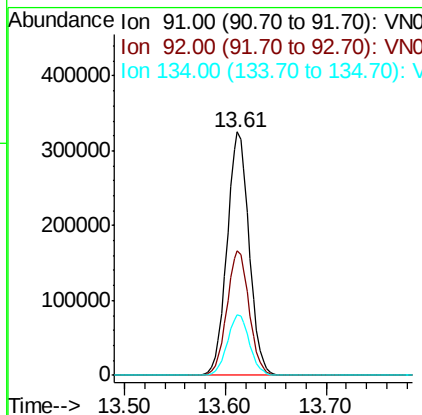
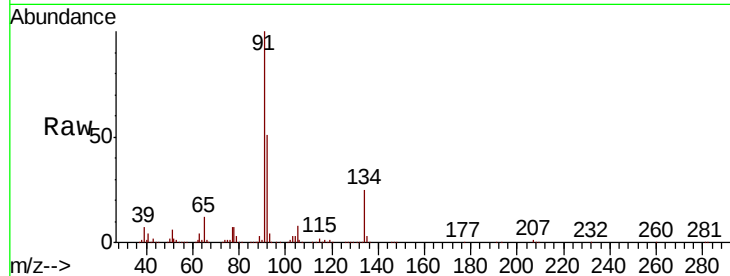
#89
n-Butylbenzene
Concen: 43.595 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.3	78.9
134	24.9	12.8	38.4

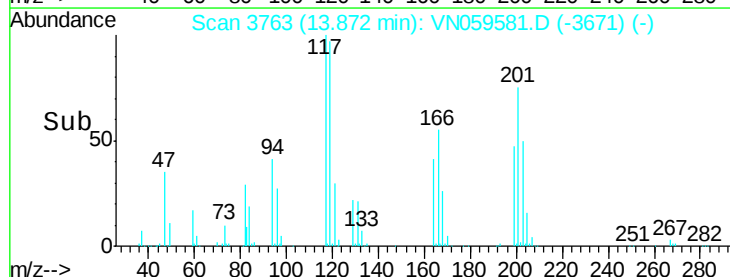
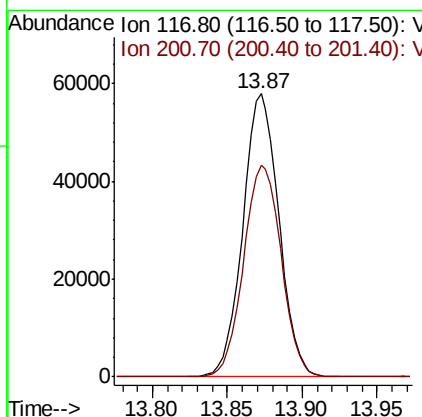
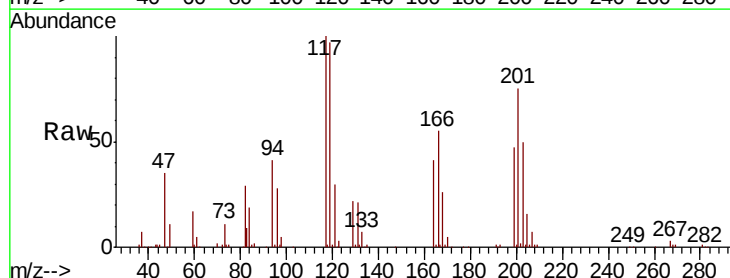
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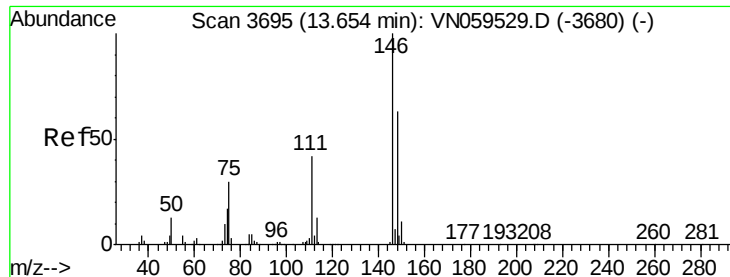
apatel
12/13/2019 2:17:18 PM



#90
Hexachloroethane
Concen: 43.435 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	40.5	121.5





#91

1,2-Dichlorobenzene

Concen: 44.247 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Instrument :

MSVOA_N

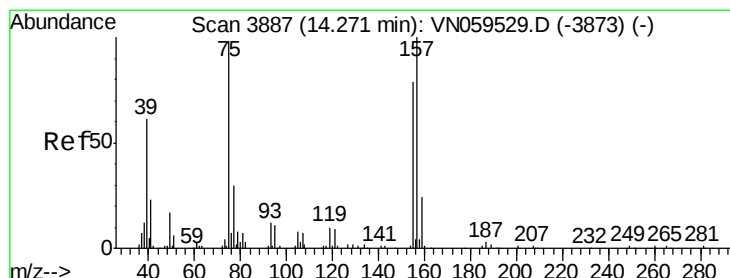
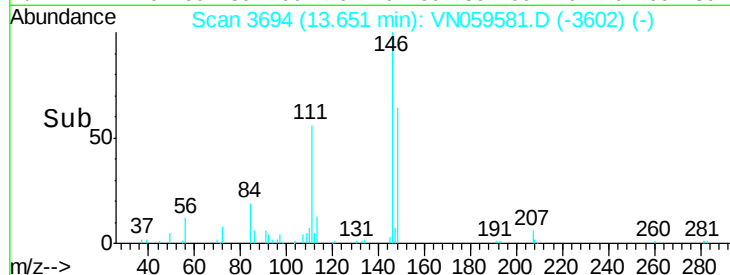
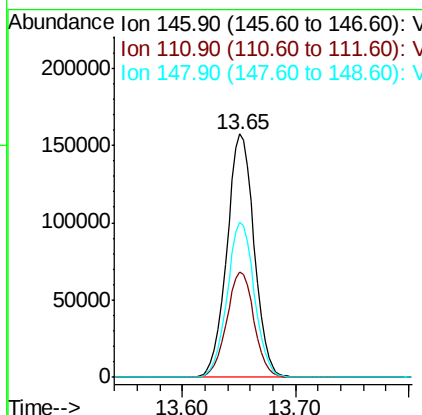
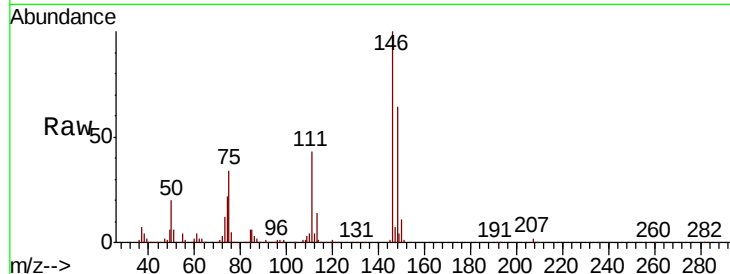
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	263463
Ion Ratio	Lower	Upper	
146	100		
111	43.4	20.9	62.7
148	63.8	31.6	94.8

Manual Integrations
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apatel
12/13/2019 2:17:18 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.150 ug/l

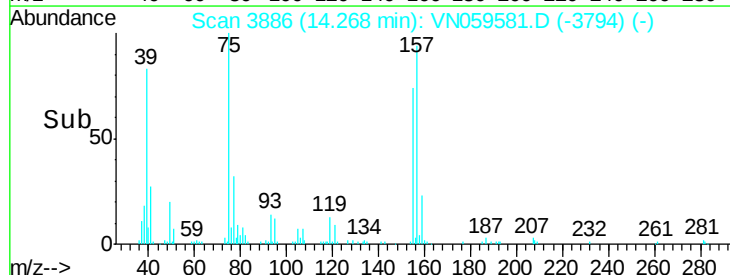
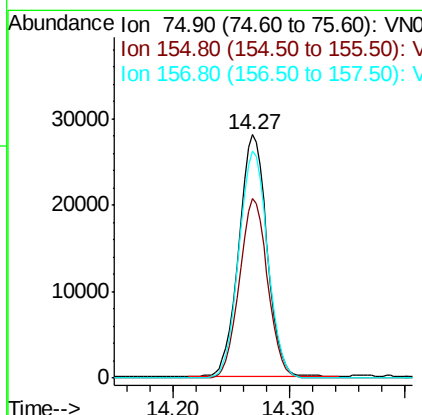
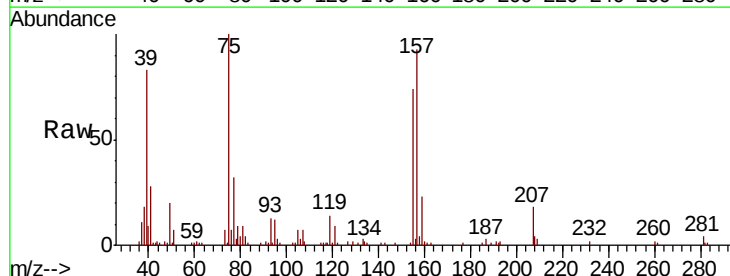
RT: 14.27 min Scan# 3886

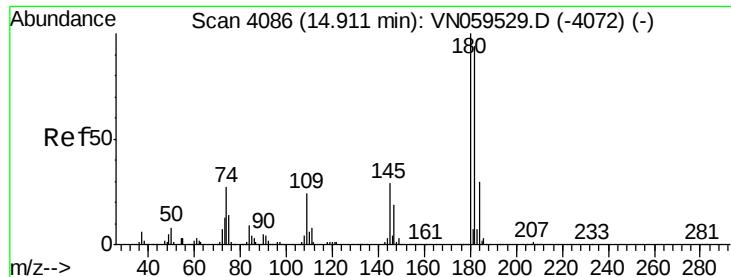
Delta R.T. -0.00 min

Lab File: VN059581.D

Acq: 12 Dec 2019 18:01

Tgt Ion:	75	Resp:	47194
Ion Ratio	Lower	Upper	
75	100		
155	73.9	40.4	121.1
157	95.2	51.1	153.3





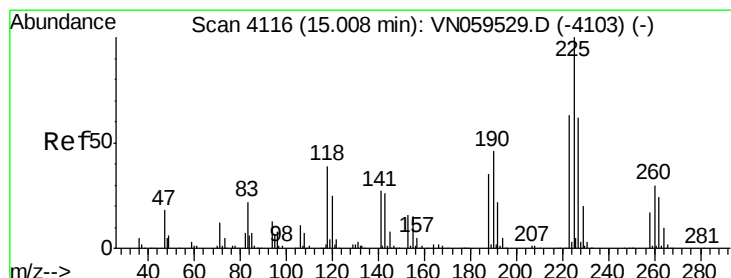
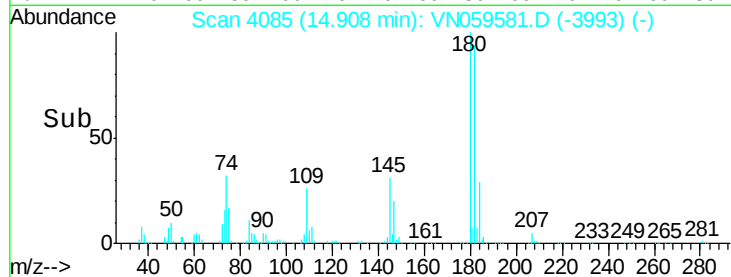
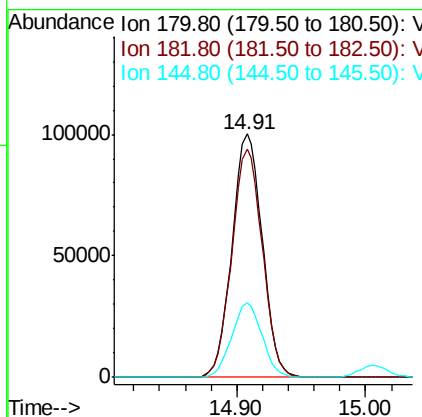
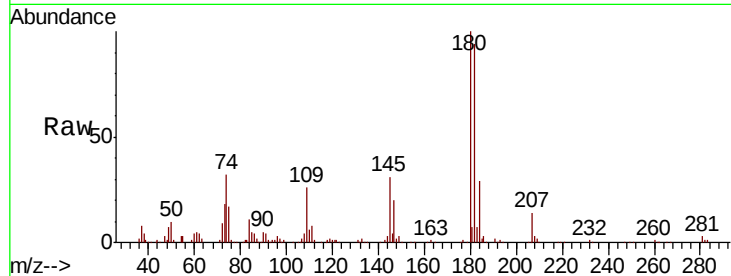
#93
 1,2,4-Trichlorobenzene
 Concen: 39.630 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163209		
182	94.6	47.3	142.0	
145	30.6	14.9	44.7	

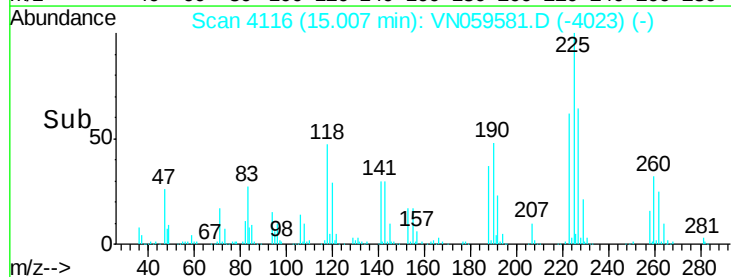
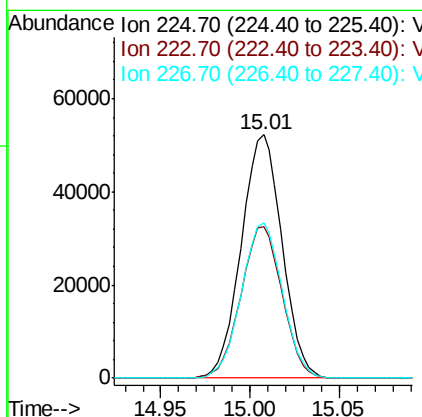
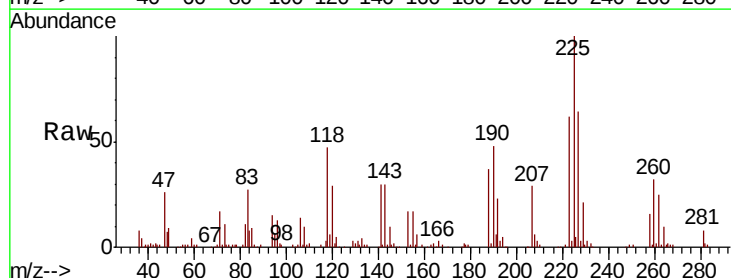
Manual Integrations
 APPROVED

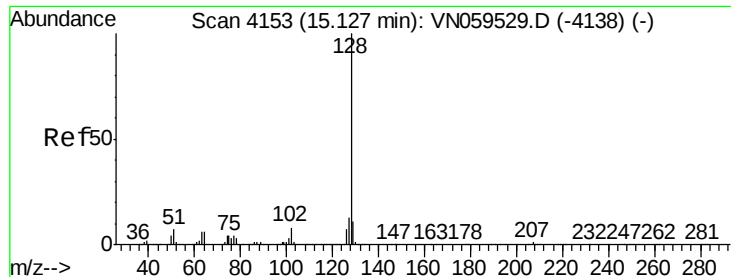
apatel
 12/13/2019 2:17:18 PM



#94
 Hexachlorobutadiene
 Concen: 39.810 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN059581.D
 Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83759		
223	62.8	31.3	93.9	
227	64.0	31.6	95.0	





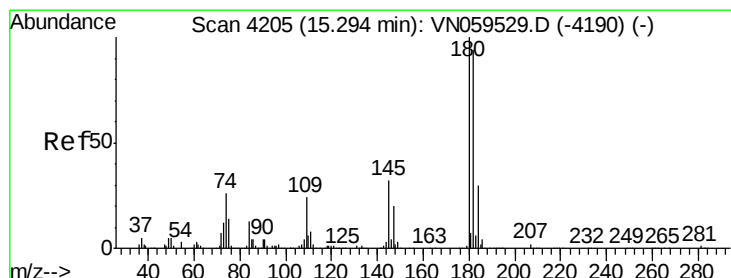
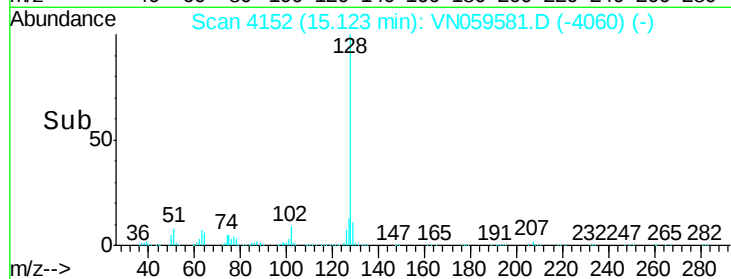
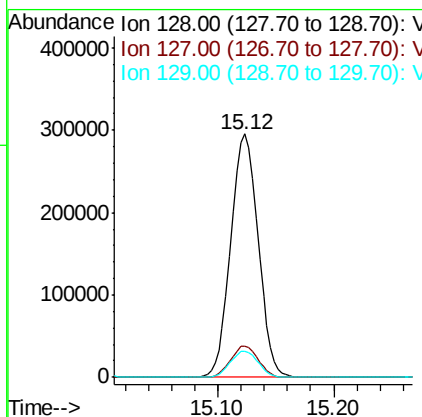
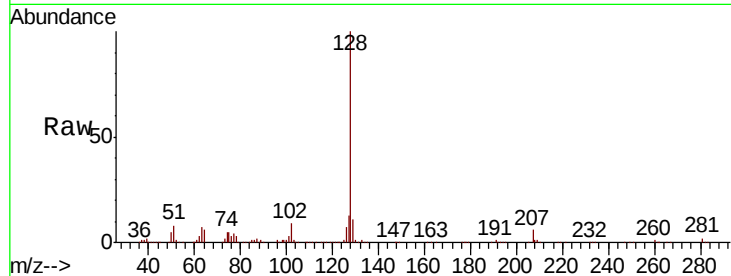
#95
Naphthalene
Concen: 40.164 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
12/13/2019 2:17:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 40.196 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059581.D
Acq: 12 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.4
145	32.7	15.8	47.4

