

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059535.D
 Acq On : 9 Dec 2019 18:25
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120919

Manual Integrations
 APPROVED

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 12/10/2019 5:11:03 PM

Quant Time: Dec 10 02:12:43 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	276172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	459387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	401785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	190748	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.57	113	138130	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.08	98	532678	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.40	95	195121	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	138424	43.456	ug/l	98
3) Chloromethane	2.04	50	210544	43.664	ug/l	99
4) Vinyl Chloride	2.17	62	214018	45.030	ug/l	100
5) Bromomethane	2.53	94	127506	44.045	ug/l	100
6) Chloroethane	2.67	64	125727	44.300	ug/l	96
7) Trichlorofluoromethane	3.00	101	261358	46.001	ug/l	99
8) Diethyl Ether	3.39	74	107511	55.216	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	126528	42.792	ug/l	98
10) Methyl Iodide	3.92	142	173775	43.403	ug/l	100
11) Tert butyl alcohol	4.75	59	146659	229.671	ug/l	99
12) 1,1-Dichloroethene	3.71	96	124513	43.317	ug/l	96
13) Acrolein	3.58	56	106865	343.902	ug/l	99
14) Allyl chloride	4.29	41	250457	45.295	ug/l	99
15) Acrylonitrile	4.95	53	401756	238.548	ug/l	99
16) Acetone	3.79	43	366648	203.344	ug/l	100
17) Carbon Disulfide	4.03	76	406715	44.565	ug/l	100
18) Methyl Acetate	4.30	43	209905	44.340	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	450005	47.097	ug/l	99
20) Methylene Chloride	4.52	84	146053	44.922	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	139643	45.263	ug/l	98
22) Diisopropyl ether	5.92	45	496323	47.150	ug/l	97
23) Vinyl Acetate	5.87	43	2156498	245.591	ug/l	99
24) 1,1-Dichloroethane	5.82	63	273377	45.742	ug/l	100
25) 2-Butanone	6.81	43	571198	235.349	ug/l	100
26) 2,2-Dichloropropane	6.80	77	242147	44.848	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	158934	45.801	ug/l	100
28) Bromochloromethane	7.17	49	118901	51.979	ug/l	98
29) Tetrahydrofuran	7.19	42	382109	226.341	ug/l	99
30) Chloroform	7.35	83	268656	45.547	ug/l	96
31) Cyclohexane	7.63	56	251157	43.183	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	239045	45.683	ug/l	100
36) 1,1-Dichloropropene	7.77	75	210014	44.559	ug/l	99
37) Ethyl Acetate	6.91	43	233410	42.700	ug/l	99
38) Carbon Tetrachloride	7.75	117	209918	45.186	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	241764	45.730	ug/l	97
40) Benzene	8.02	78	594633	44.164	ug/l	100
41) Methacrylonitrile	7.16	41	105594m	46.102	ug/l	
42) 1,2-Dichloroethane	8.10	62	232683	46.383	ug/l	100
43) Isopropyl Acetate	8.15	43	375013	46.094	ug/l	99
44) Trichloroethene	8.82	130	150791	44.331	ug/l	97
45) 1,2-Dichloropropane	9.10	63	160925	45.118	ug/l	99
46) Dibromomethane	9.20	93	104776	44.449	ug/l	99
47) Bromodichloromethane	9.39	83	213371	45.546	ug/l	100
48) Methyl methacrylate	9.19	41	169195	47.562	ug/l	100
49) 1,4-Dioxane	9.19	88	42321	929.827	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1147485	221.886	ug/l	99
52) Toluene	10.15	92	368481	45.932	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	249320	45.677	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	260082	46.556	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	155847	48.034	ug/l	98
56) Ethyl methacrylate	10.42	69	225908	40.826	ug/l	99
57) 1,3-Dichloropropane	10.70	76	254219	45.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	286050	215.211	ug/l	99
59) 2-Hexanone	10.75	43	863018	218.852	ug/l	99
60) Dibromochloromethane	10.90	129	159819	41.455	ug/l	100
61) 1,2-Dibromoethane	11.00	107	152587	45.175	ug/l	99
64) Tetrachloroethene	10.63	164	134055	45.652	ug/l	98
65) Chlorobenzene	11.43	112	405990	48.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	165077	52.574	ug/l	100
67) Ethyl Benzene	11.51	91	807926	53.331	ug/l	99
68) m/p-Xylenes	11.62	106	588758	103.600	ug/l	98
69) o-Xylene	11.95	106	249374	47.145	ug/l	95
70) Styrene	11.96	104	407452	46.496	ug/l	97
71) Bromoform	12.13	173	115640	46.807	ug/l #	99
73) Isopropylbenzene	12.25	105	682918	46.290	ug/l	99
74) N-amyl acetate	12.07	43	312549	48.635	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	219312	43.870	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	219066m	43.555	ug/l	
77) Bromobenzene	12.53	156	160612	43.729	ug/l	94
78) n-propylbenzene	12.59	91	822198	45.352	ug/l	99
79) 2-Chlorotoluene	12.67	91	476008	44.033	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	576921	45.602	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	85548	45.762	ug/l	90
82) 4-Chlorotoluene	12.77	91	499164	45.158	ug/l	99
83) tert-Butylbenzene	12.99	119	493812	46.807	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	573702	45.926	ug/l	100
85) sec-Butylbenzene	13.17	105	673855	46.503	ug/l	100
86) p-Isopropyltoluene	13.29	119	606666	46.842	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	293793	43.428	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	295536	44.616	ug/l	100
89) n-Butylbenzene	13.62	91	578814	47.596	ug/l	99
90) Hexachloroethane	13.88	117	114560	48.164	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	285770	45.013	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51475	45.116	ug/l	92

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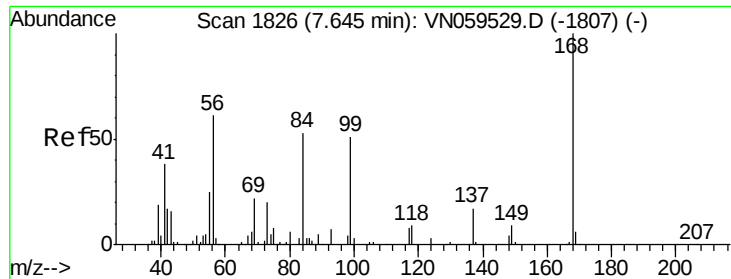
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	191627	43.641	ug/l	99
94) Hexachlorobutadiene	15.01	225	98041	43.704	ug/l	99
95) Naphthalene	15.13	128	566398	44.127	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	187854	44.215	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion:168 Resp: 276172

Ion Ratio Lower Upper

168 100

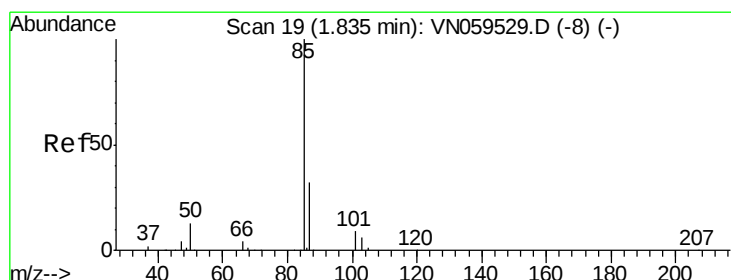
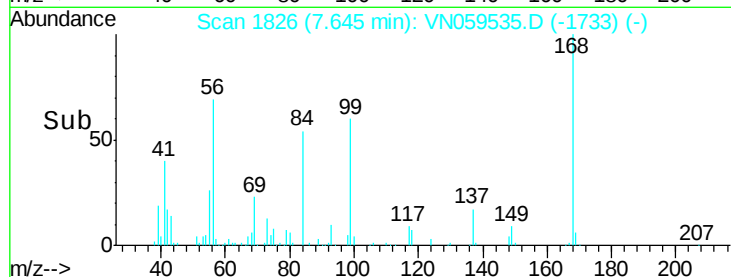
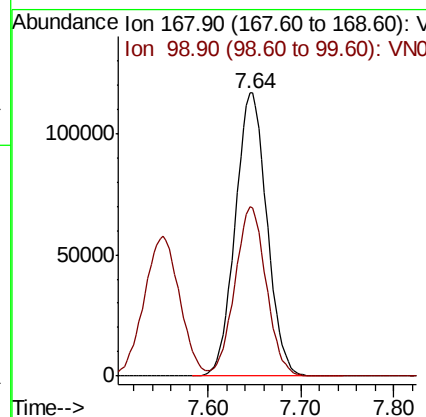
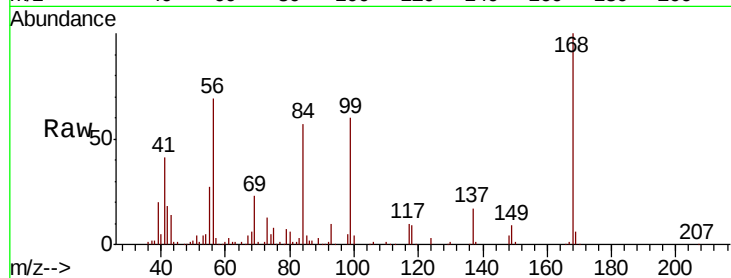
99 59.8 46.6 70.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 43.456 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059535.D

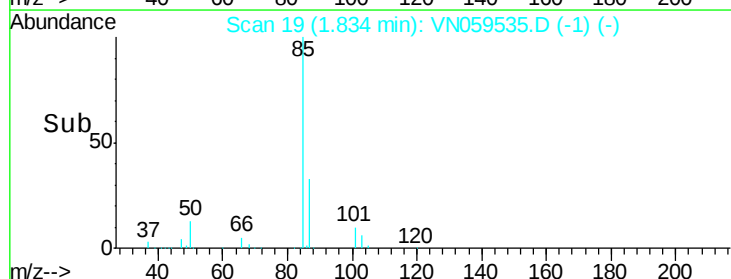
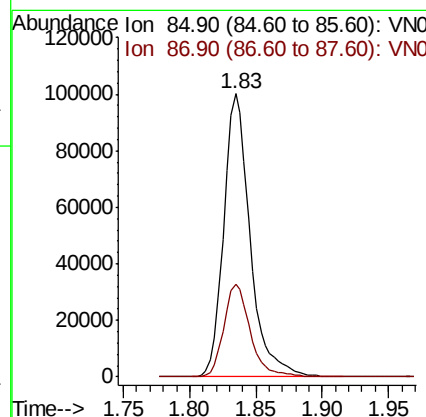
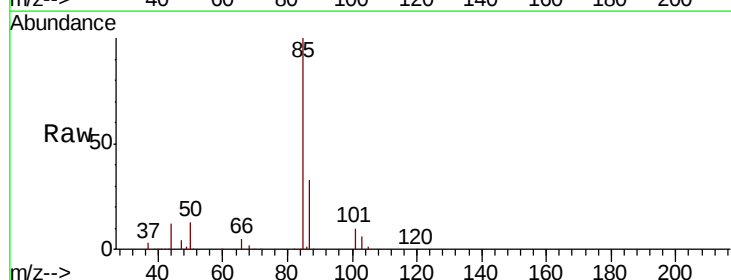
Acq: 9 Dec 2019 18:25

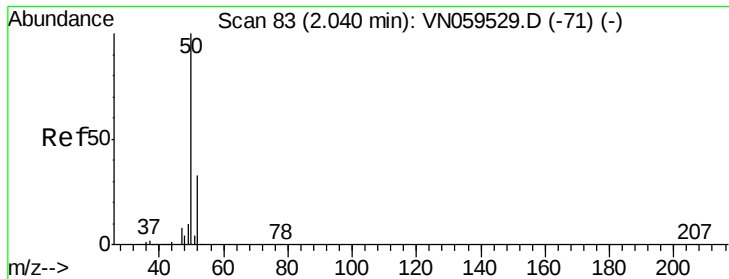
Tgt Ion: 85 Resp: 138424

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0





#3

Chloromethane

Concen: 43.664 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 50 Resp: 210544

Ion Ratio Lower Upper

50 100

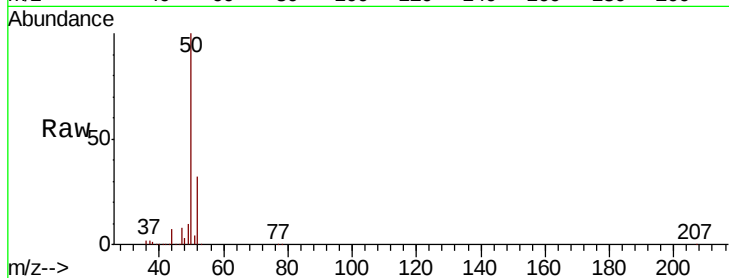
52 32.1 26.2 39.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

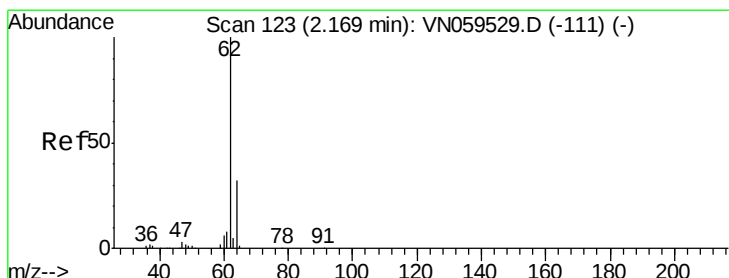
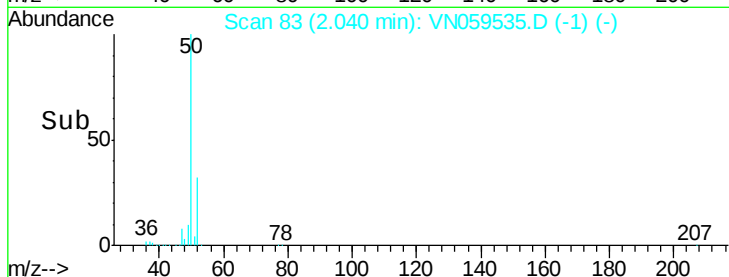
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.030 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059535.D

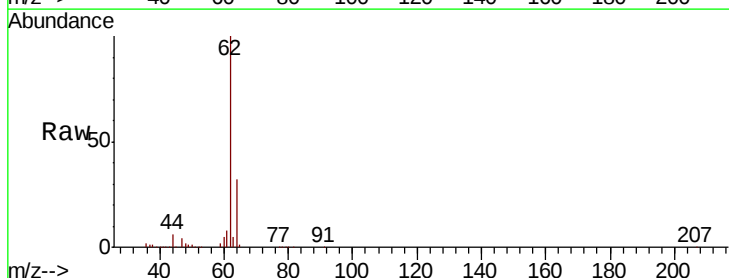
Acq: 9 Dec 2019 18:25

Tgt Ion: 62 Resp: 214018

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

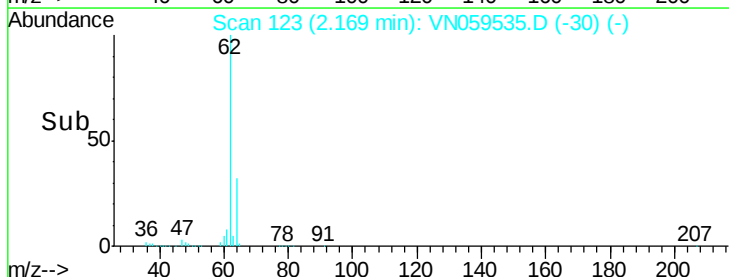
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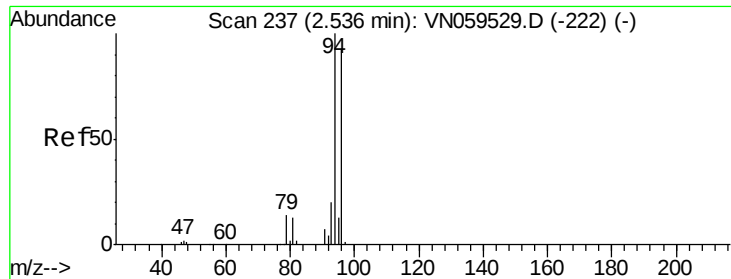
100000

50000

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Time-->





#5

Bromomethane

Concen: 44.045 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.01 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 94 Resp: 127506

Ion Ratio Lower Upper

94 100

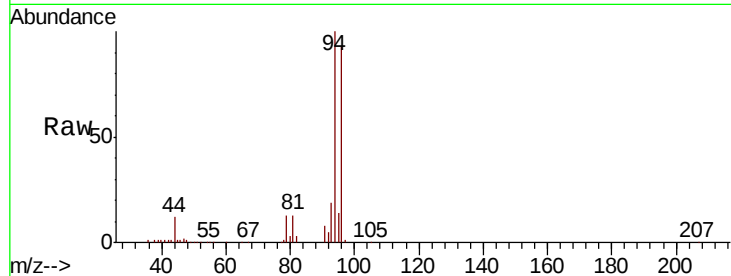
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Manual Integrations

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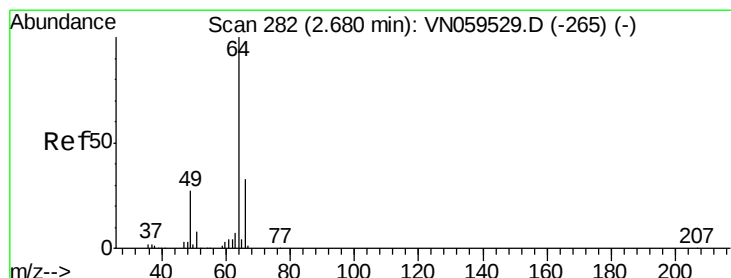
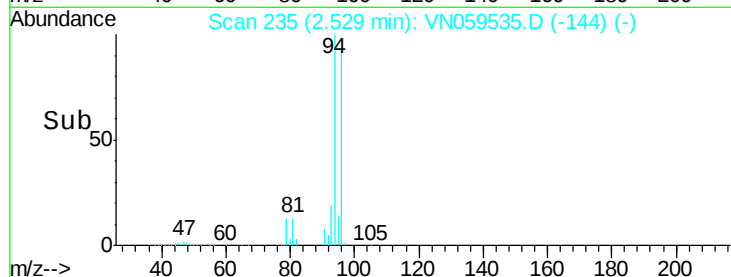
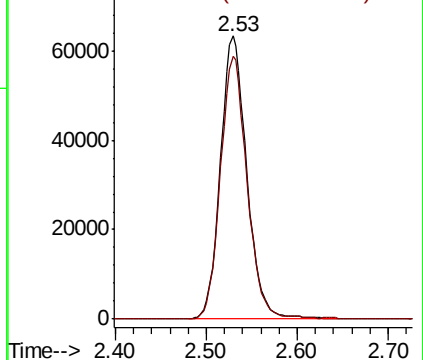
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 44.300 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN059535.D

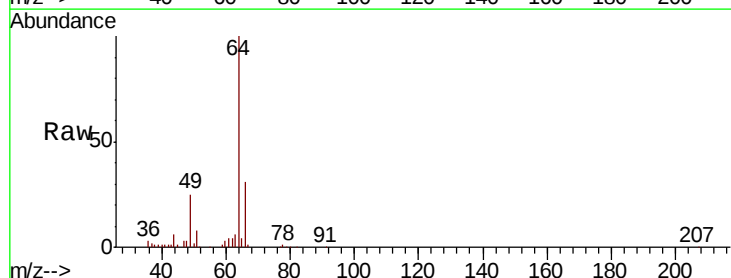
Acq: 9 Dec 2019 18:25

Tgt Ion: 64 Resp: 125727

Ion Ratio Lower Upper

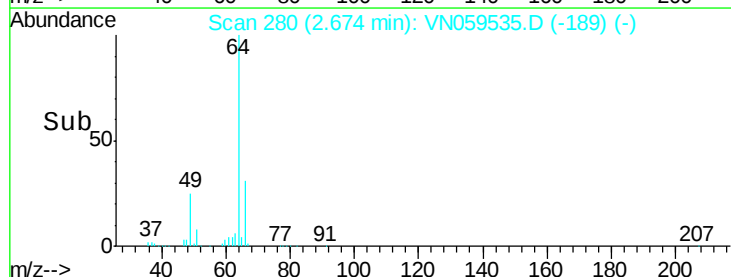
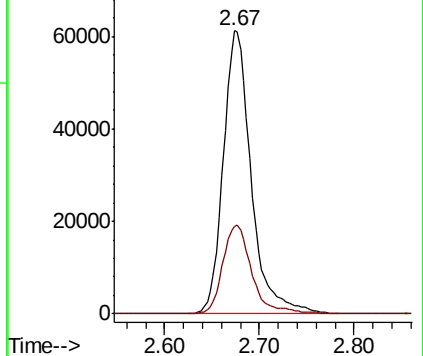
64 100

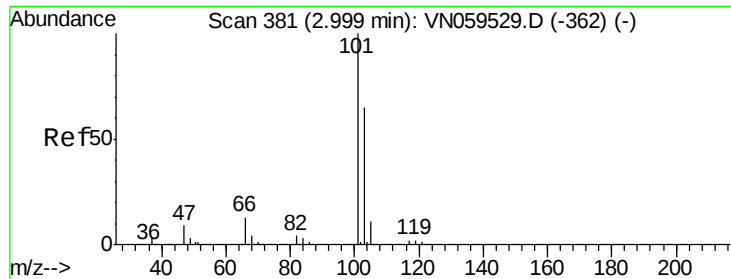
66 31.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

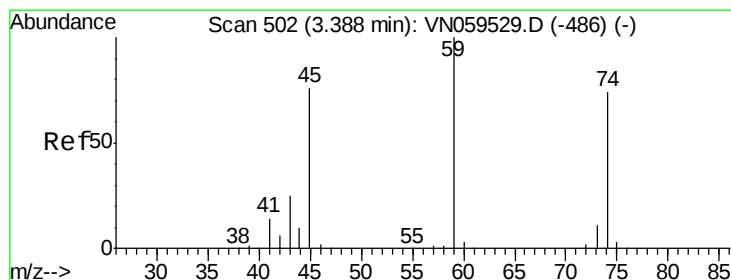
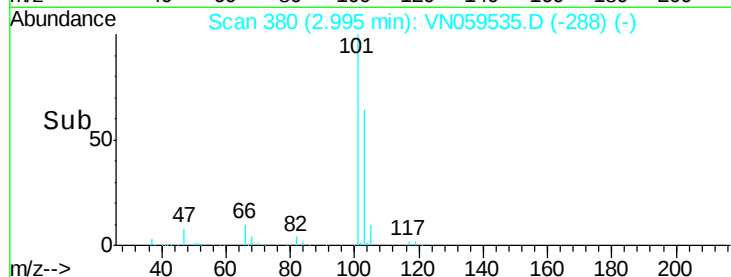
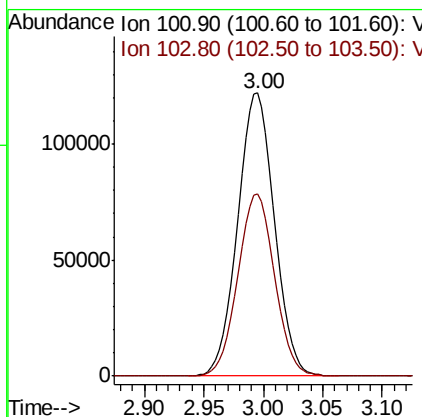
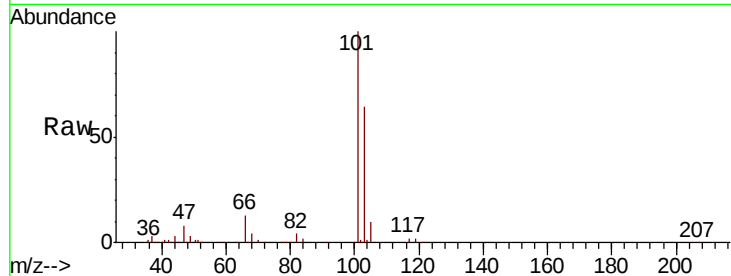
Trichlorofluoromethane
 Concen: 46.001 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

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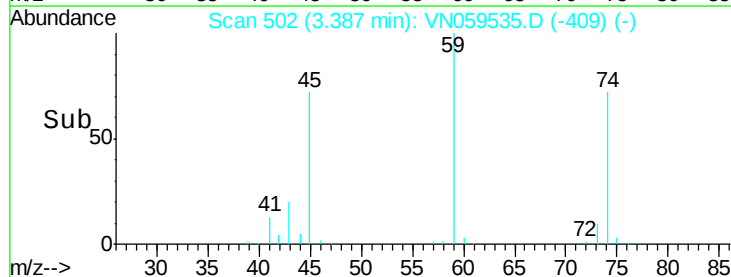
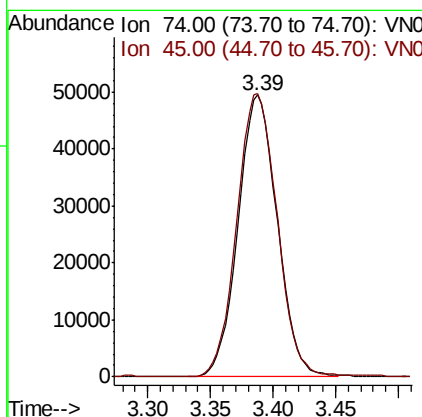
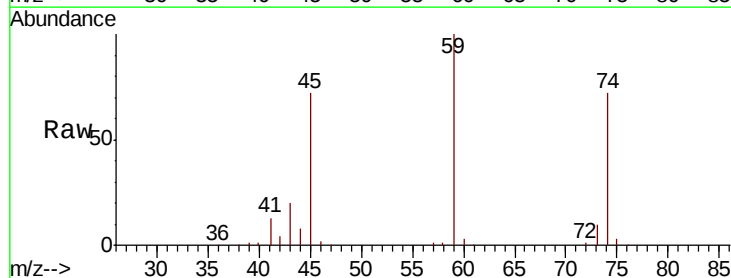
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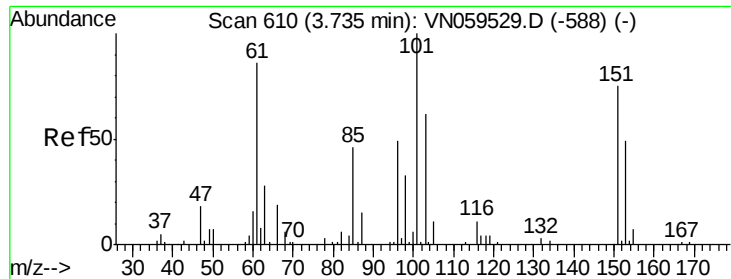


#8

Diethyl Ether
 Concen: 55.216 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	52.6	157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.792 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

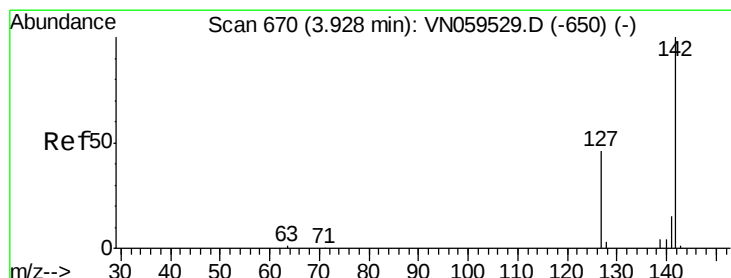
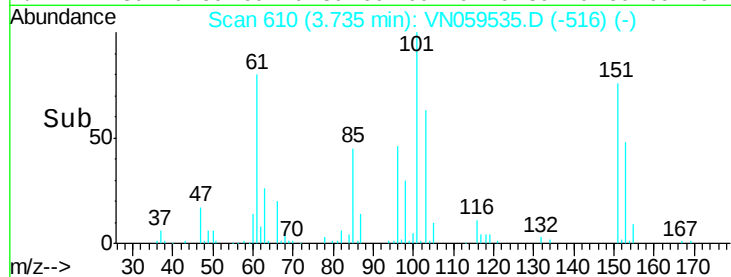
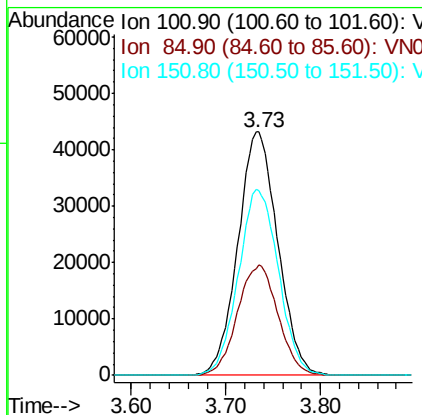
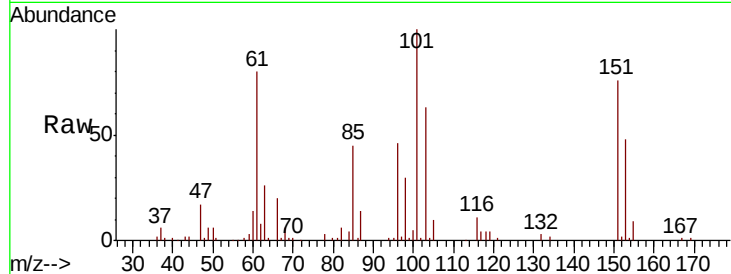
ClientSampleId :

ICVVN120919

Tot Ion:	101	Resp:	126528
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.6	54.8
151	76.7	59.3	88.9

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#10

Methyl Iodide

Concen: 43.403 ug/l

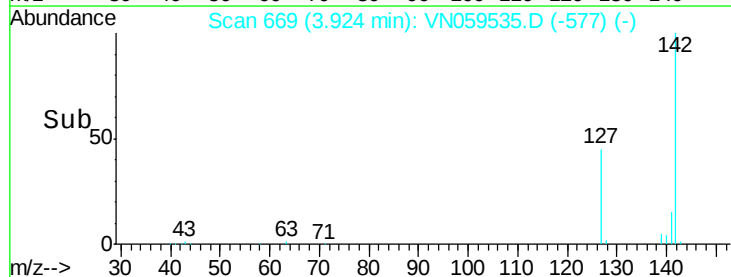
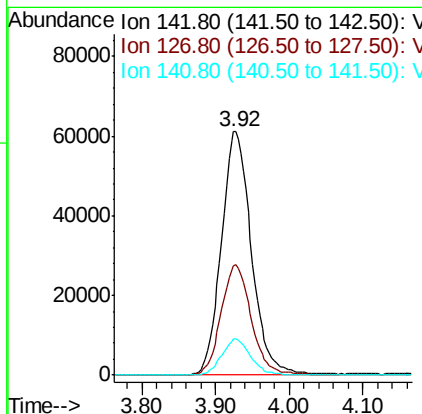
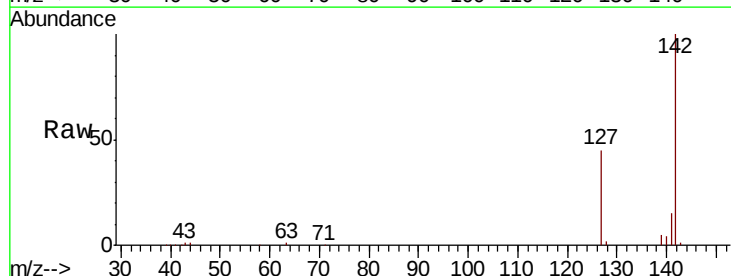
RT: 3.92 min Scan# 669

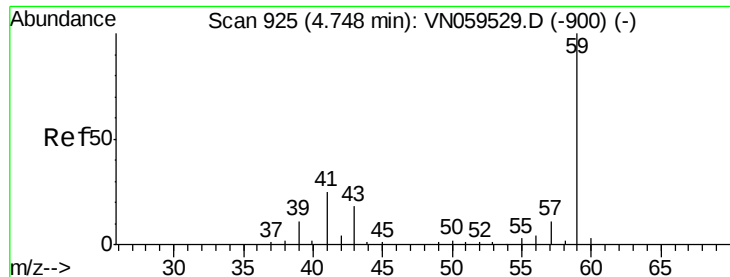
Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	142	Resp:	173775
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.6	54.8
141	14.2	11.6	17.4





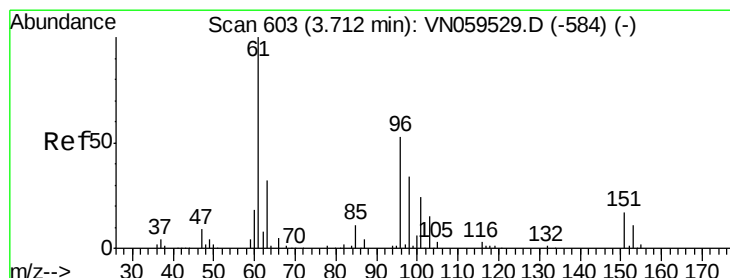
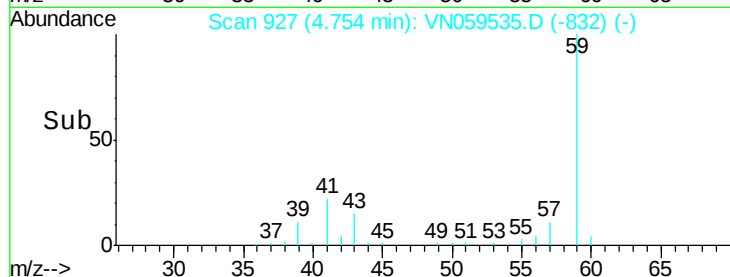
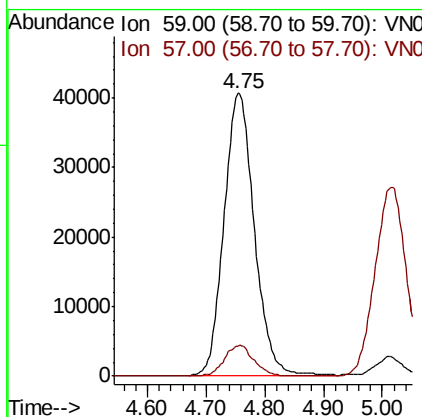
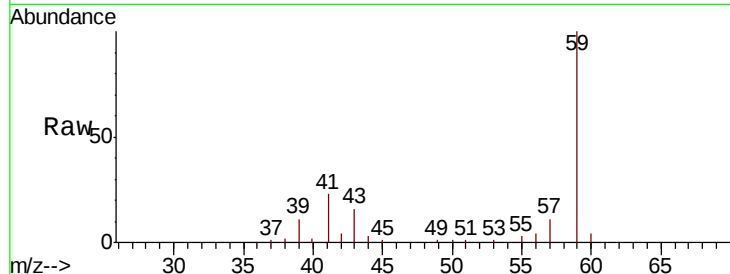
#11
Tert butyl alcohol
Concen: 229.671 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Resp	Lower	Upper
59	100	146659		
57	10.5		8.6	13.0

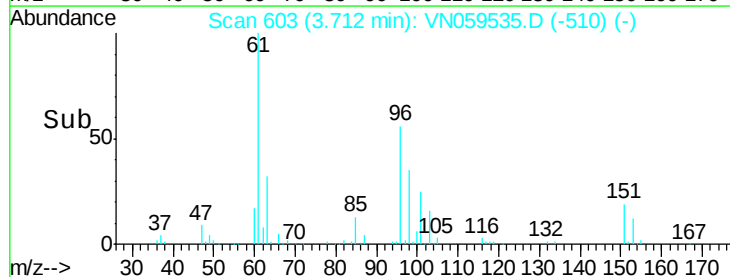
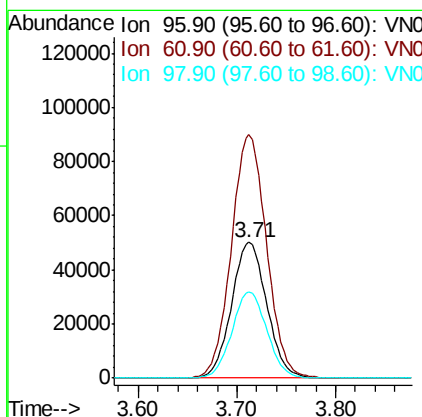
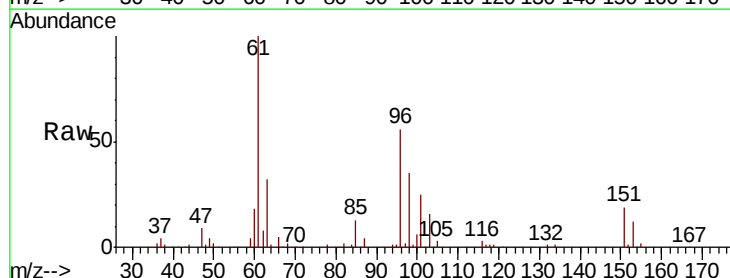
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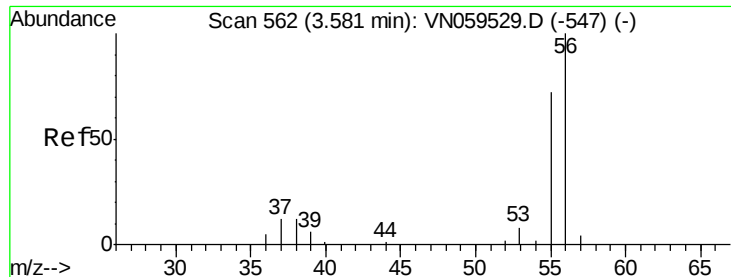
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#12
1,1-Dichloroethene
Concen: 43.317 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	124513		
61	179.3		149.8	224.6
98	63.5		50.6	75.8





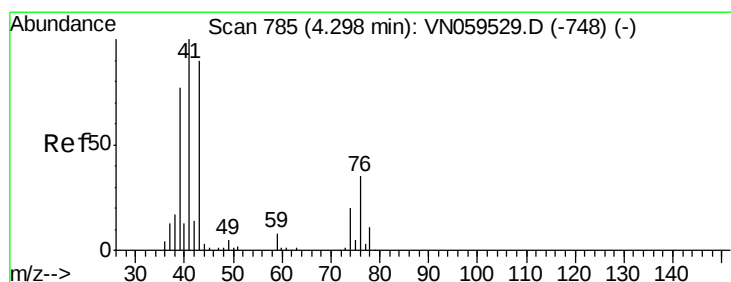
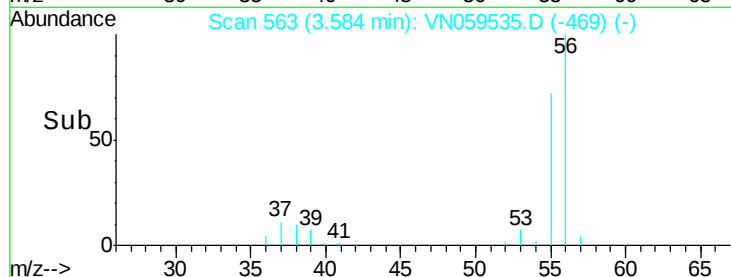
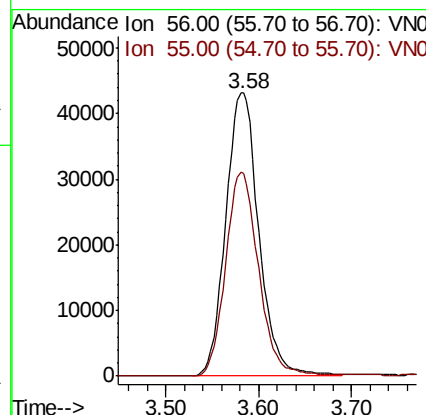
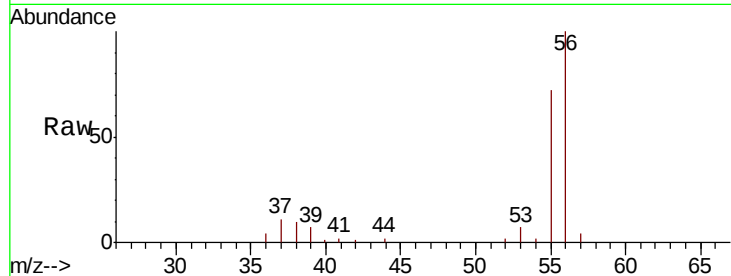
#13
Acrolein
Concen: 343.902 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	56	Resp	106865
Ion Ratio	100	Lower	Upper
56	100		
55	71.8	56.9	85.3

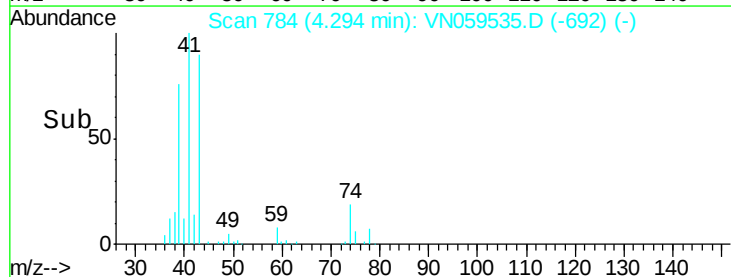
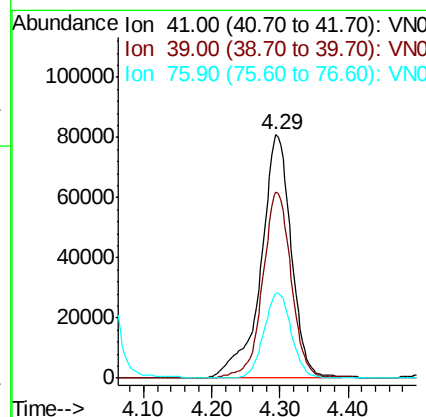
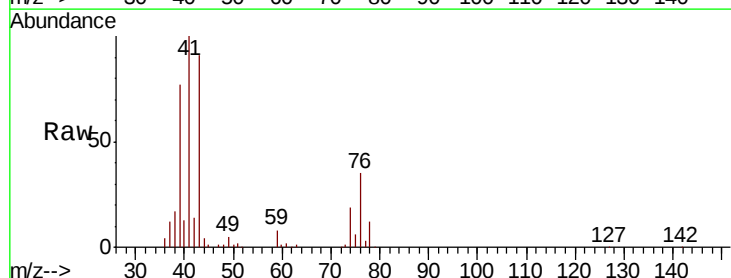
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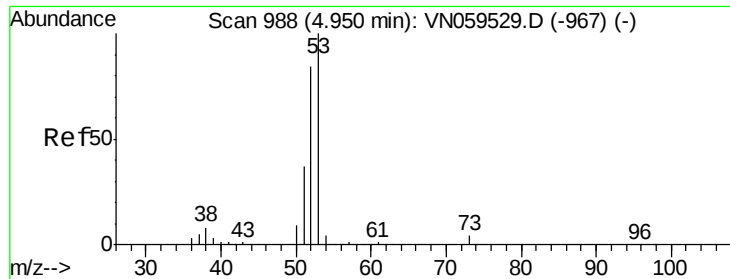
apatel
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#14
Allyl chloride
Concen: 45.295 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	41	Resp	250457
Ion Ratio	100	Lower	Upper
41	100		
39	71.7	56.7	85.1
76	31.5	25.5	38.3





#15

Acrylonitrile

Concen: 238.548 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

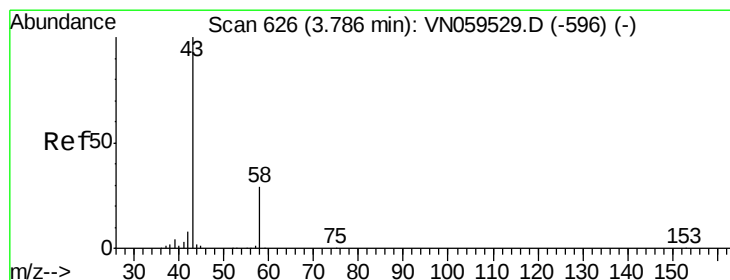
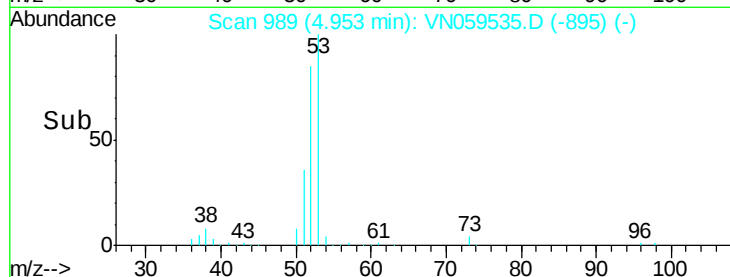
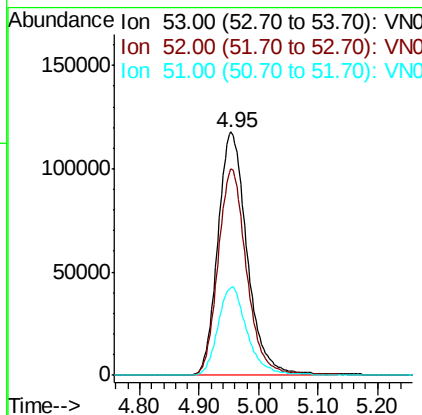
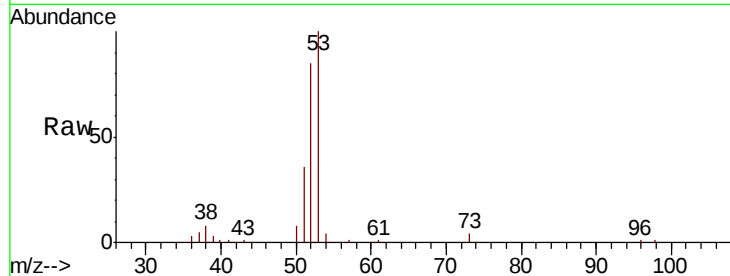
ClientSampleId :

ICVVN120919

Tot Ion:	53	Resp:	401756
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	36.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 203.344 ug/l

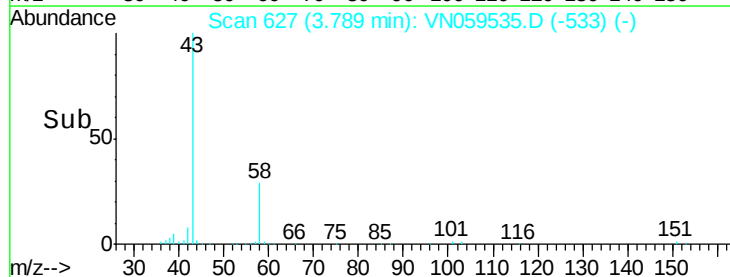
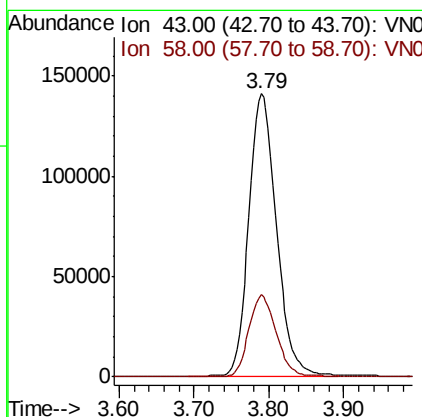
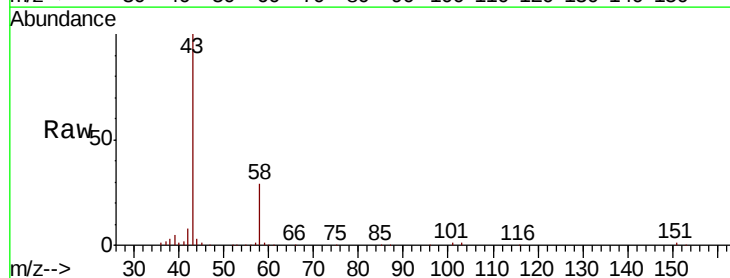
RT: 3.79 min Scan# 627

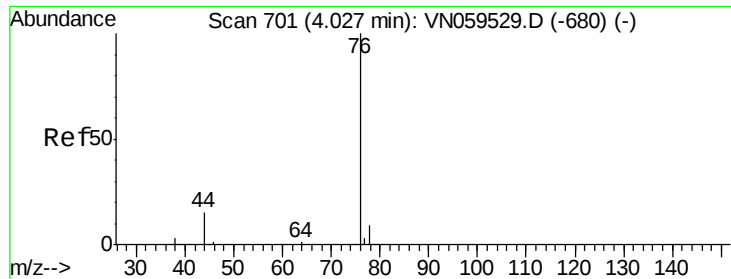
Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	43	Resp:	366648
Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.0	34.4





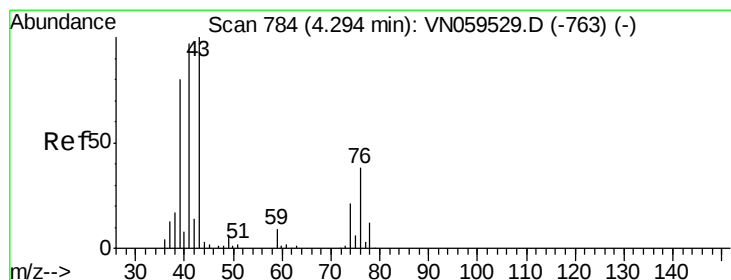
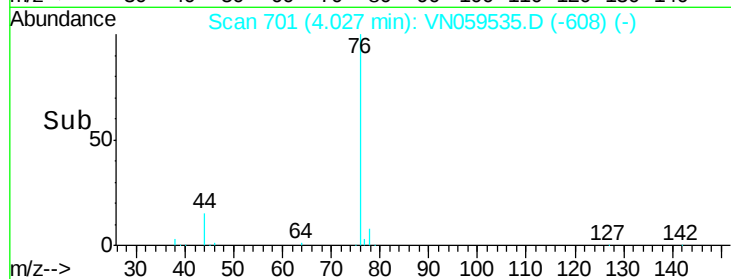
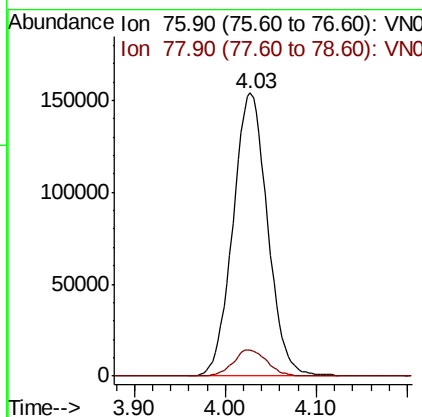
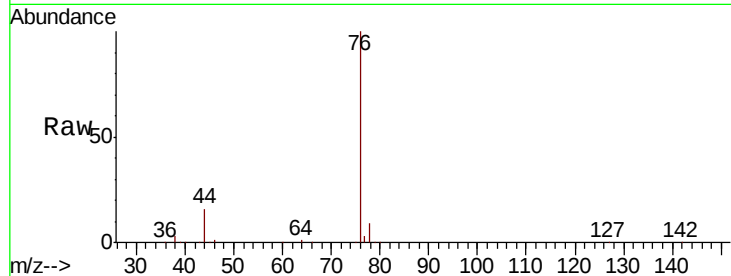
#17
Carbon Disulfide
Concen: 44.565 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

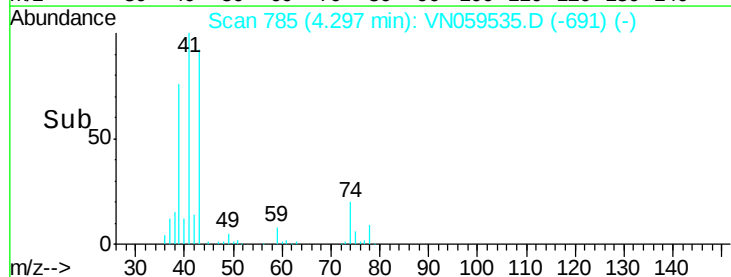
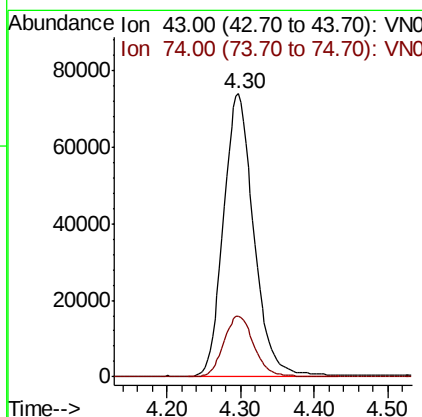
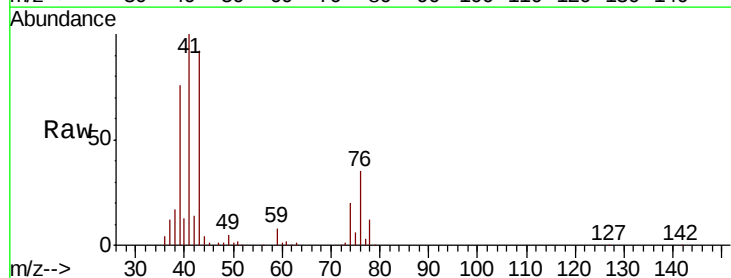
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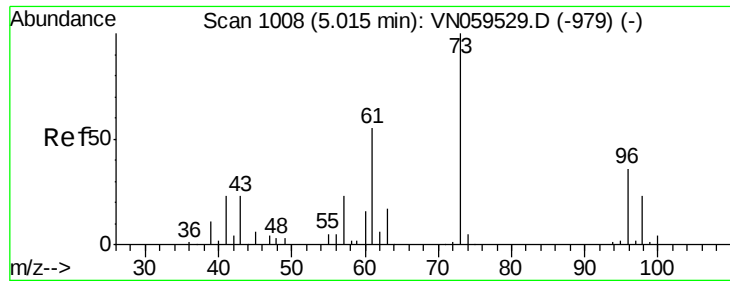
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#18
Methyl Acetate
Concen: 44.340 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.5	26.3





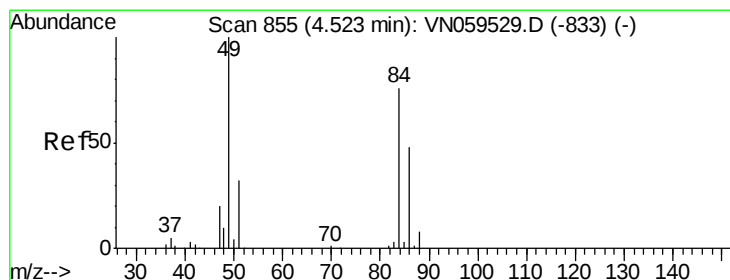
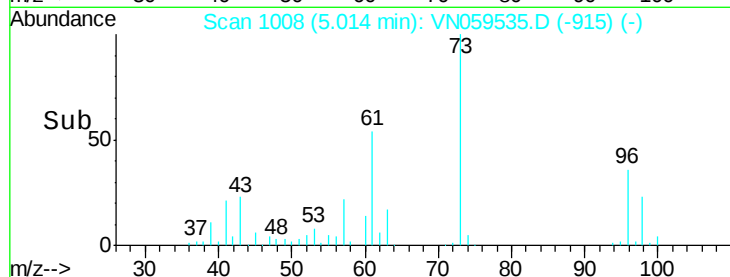
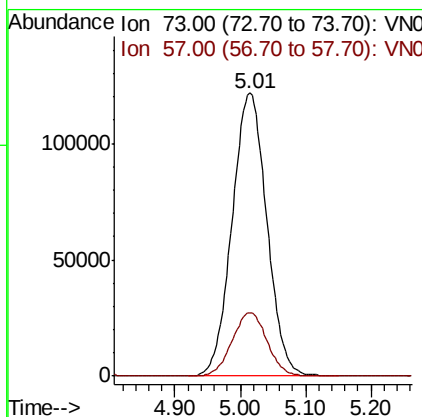
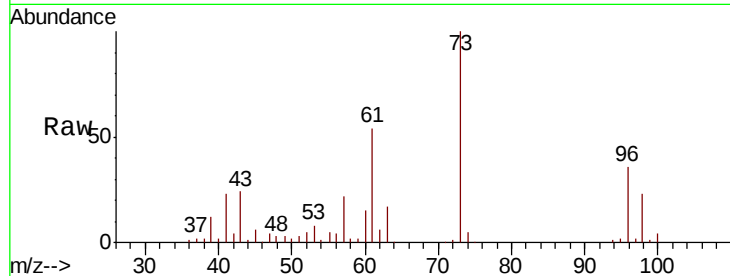
#19
Methvl tert-butvl Ether
Concen: 47.097 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion: 73 Resp: 450005
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5

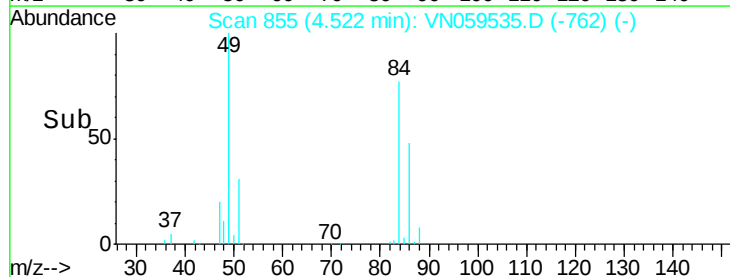
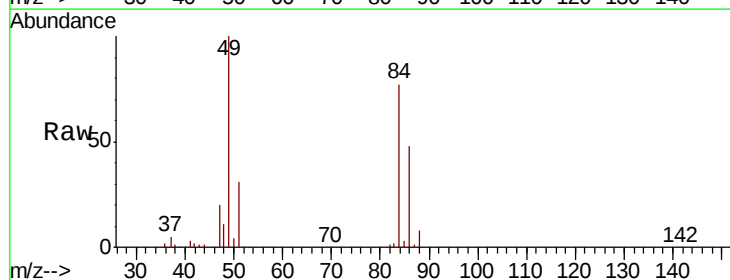
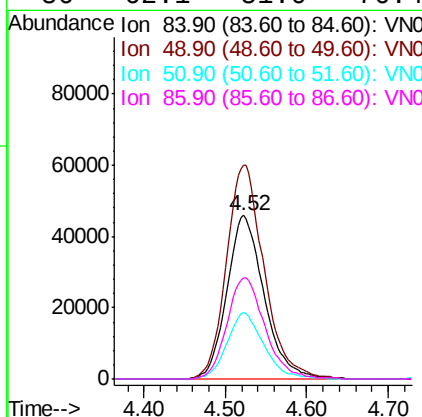
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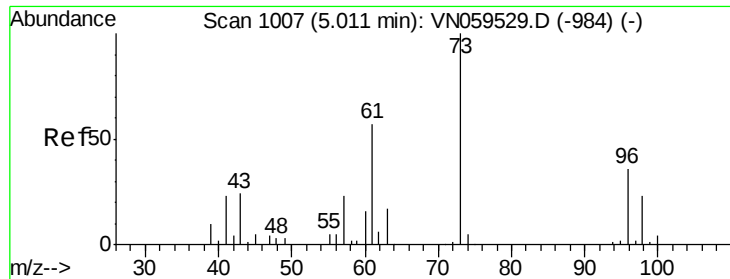
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#20
Methylene Chloride
Concen: 44.922 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion: 84 Resp: 146053
Ion Ratio Lower Upper
84 100
49 130.3 105.8 158.8
51 40.6 33.7 50.5
86 62.1 51.0 76.4





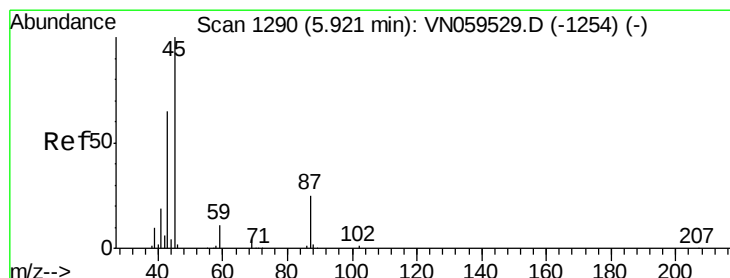
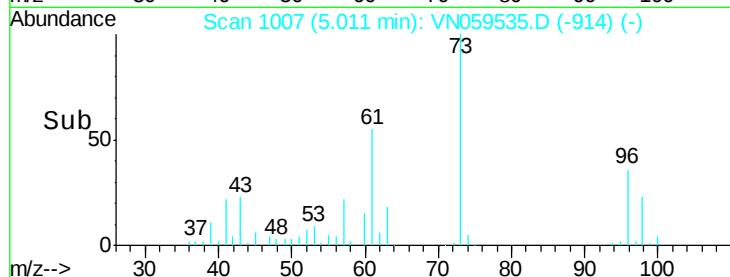
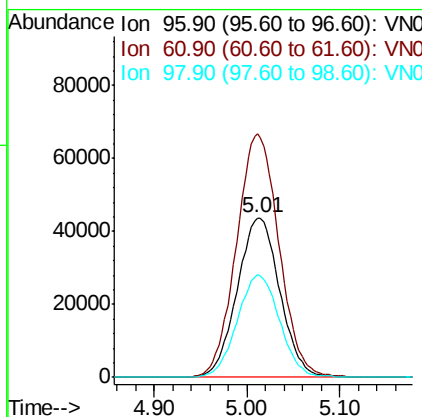
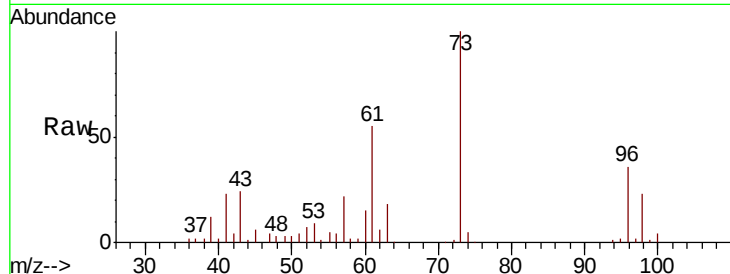
#21
trans-1,2-Dichloroethene
Concen: 45.263 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	124.8	187.2
98	64.4	51.0	76.4

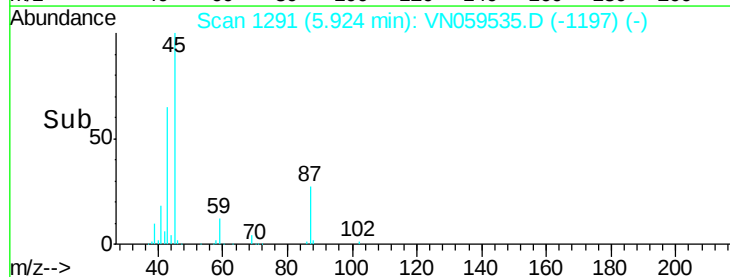
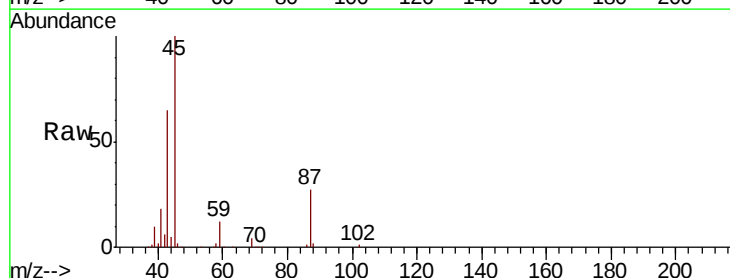
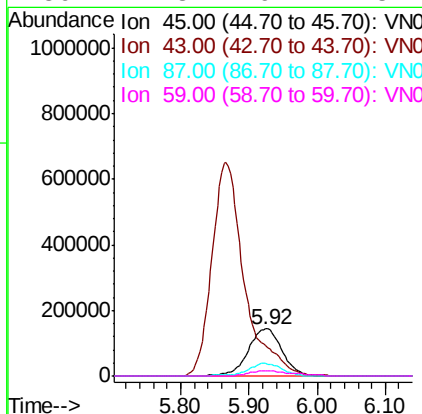
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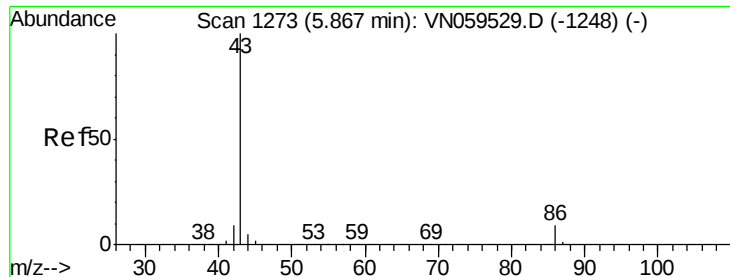
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#22
Diisopropyl ether
Concen: 47.150 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.5	52.8	79.2
87	26.8	20.2	30.4
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 245.591 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 43 Resp: 2156498

Ion Ratio Lower Upper

43 100

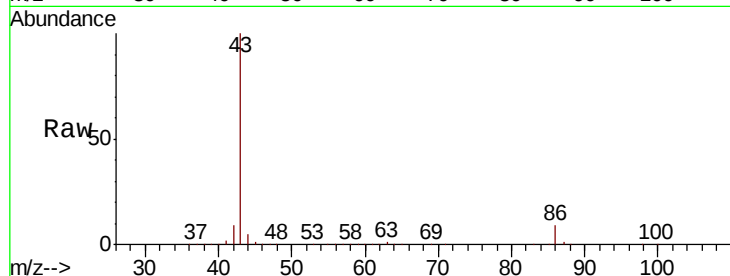
86 9.1 7.4 11.2

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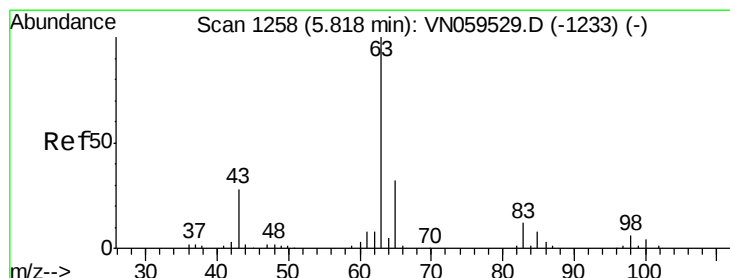
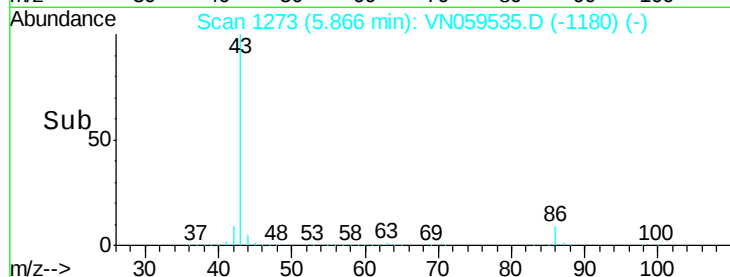
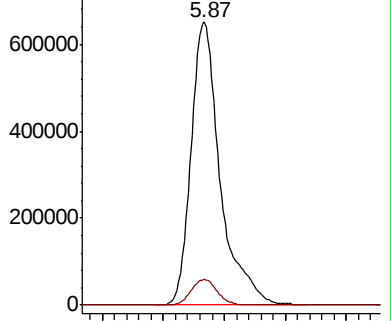
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.742 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

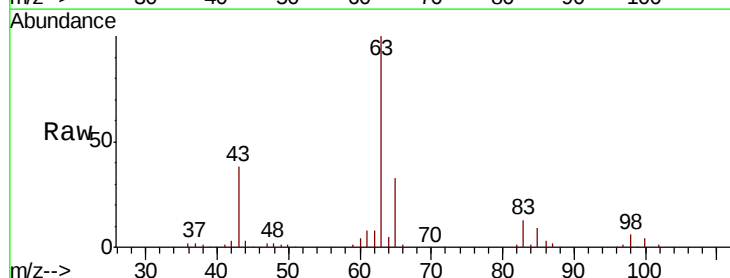
Tgt Ion: 63 Resp: 273377

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

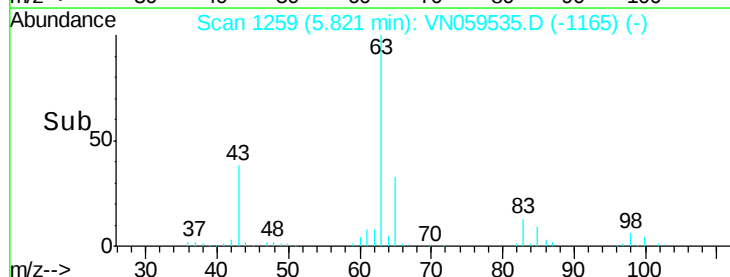
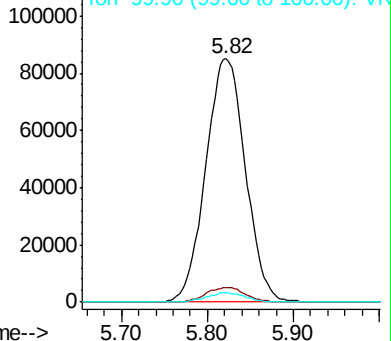
100 3.8 1.8 5.3

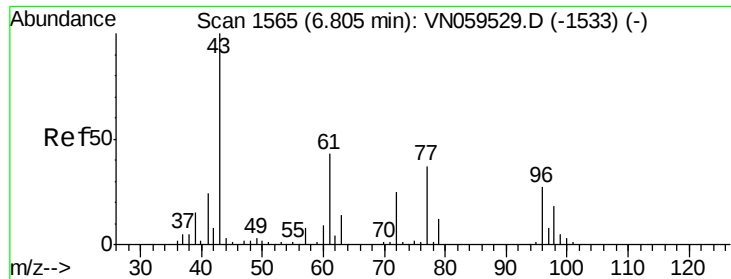


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 235.349 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 43 Resp: 571198

Ion Ratio Lower Upper

43 100

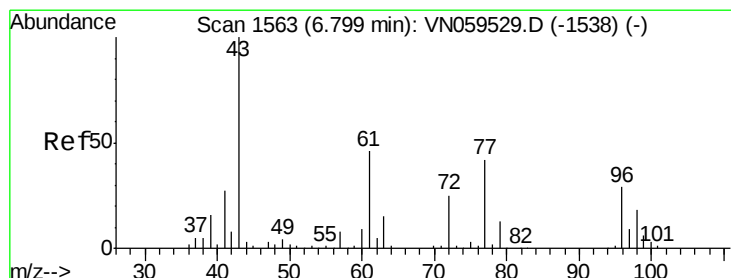
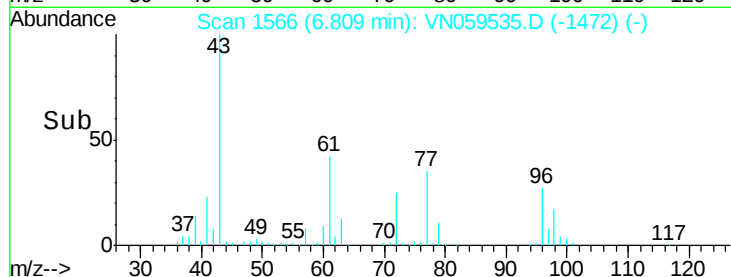
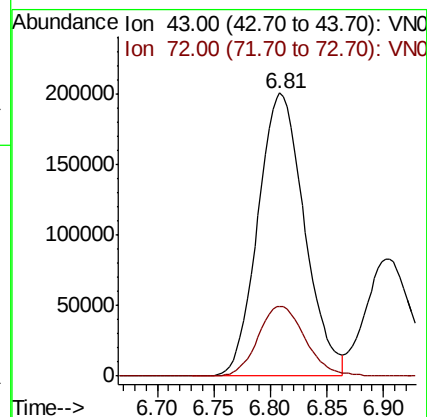
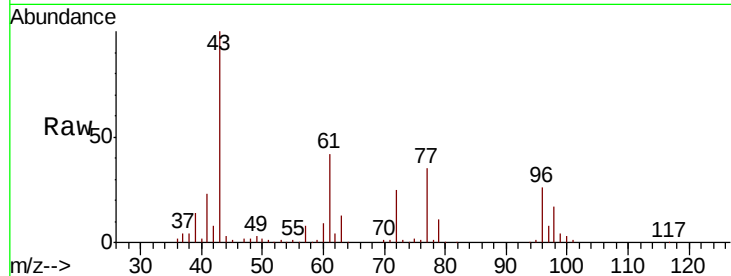
72 24.7 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 44.848 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059535.D

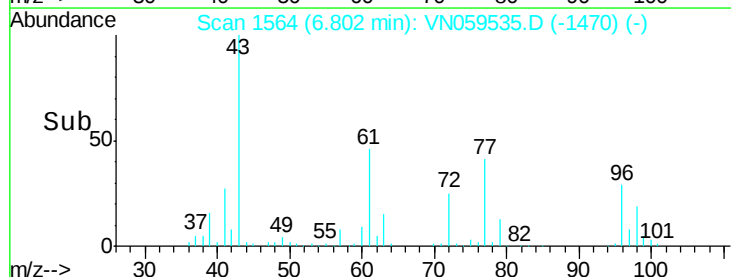
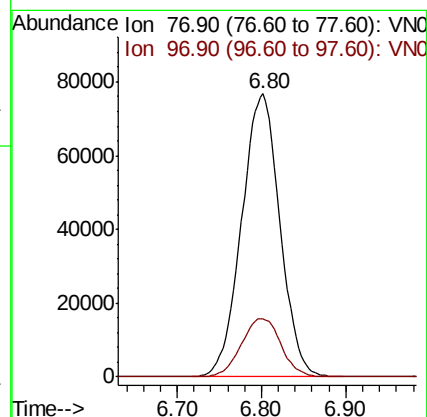
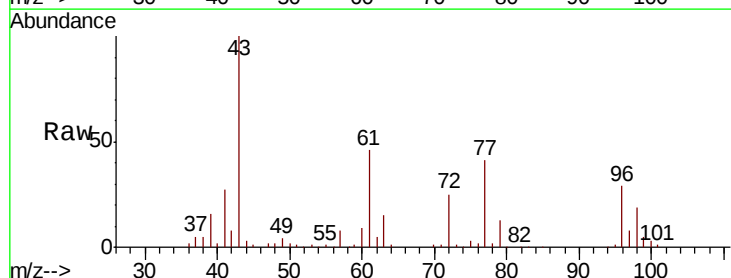
Acq: 9 Dec 2019 18:25

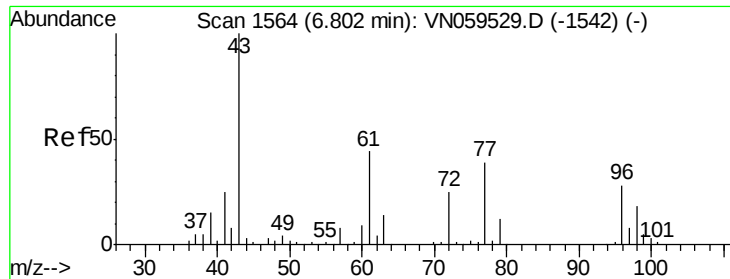
Tgt Ion: 77 Resp: 242147

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 45.801 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

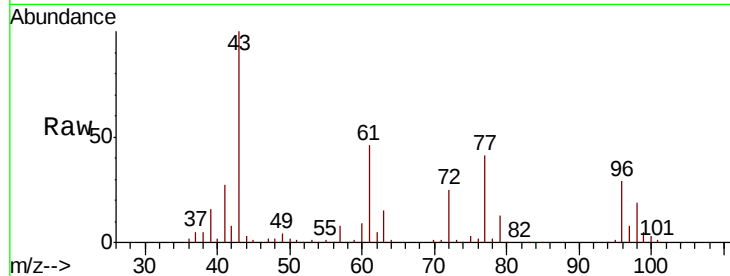
ClientSampleId :

ICVVN120919

Tot Ion:	96	Resp:	158934
Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	320.0
98	64.5	0.0	128.6

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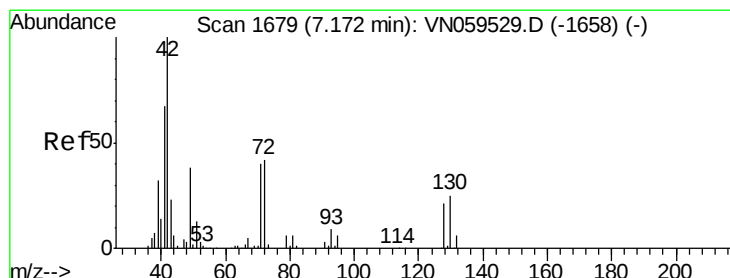
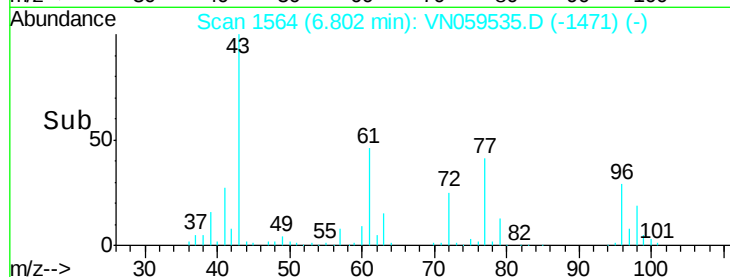
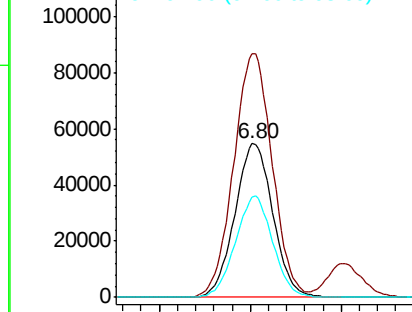


Abundance

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: 51.979 ug/l

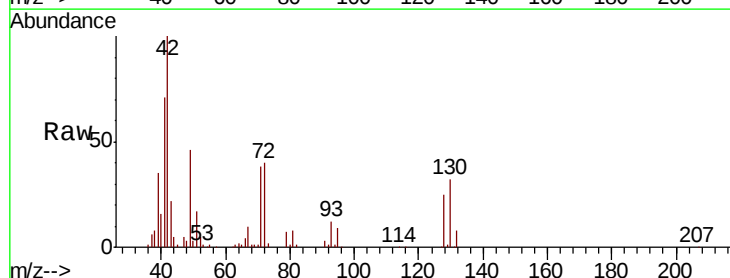
RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	49	Resp:	118901
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.0
130	69.5	54.2	81.2

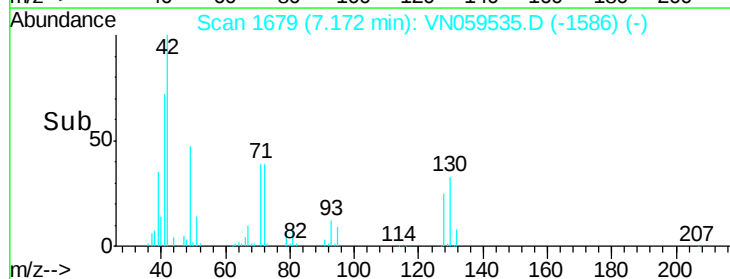
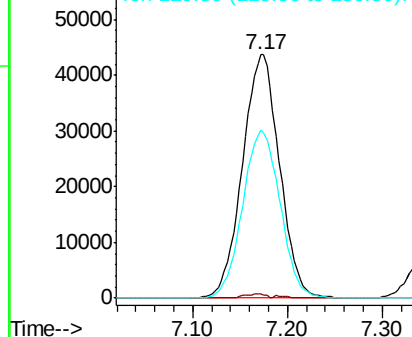


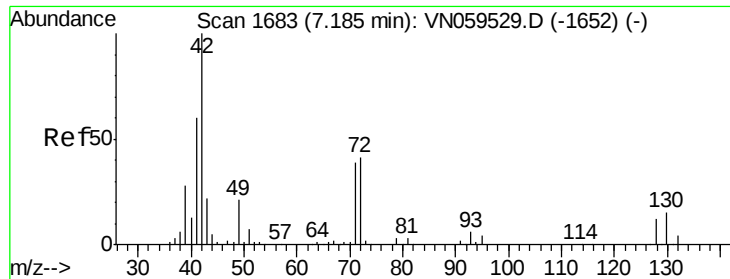
Abundance

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





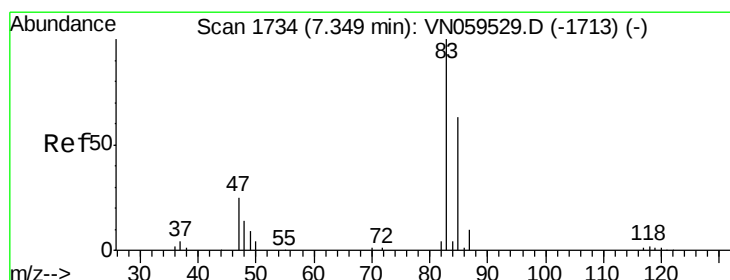
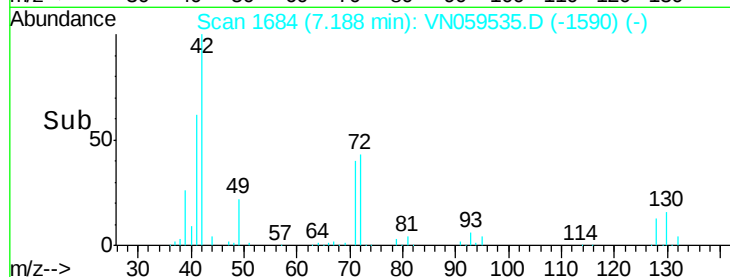
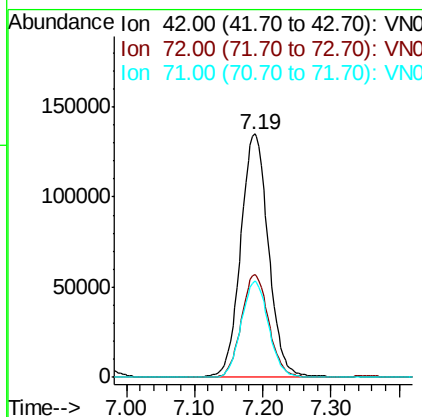
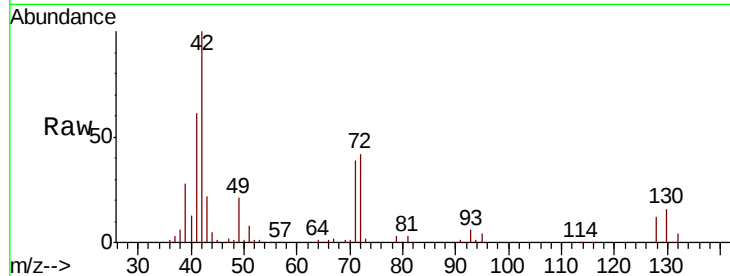
#29
Tetrahydrofuran
Concen: 226.341 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.7	49.1
71	38.6	31.4	47.2

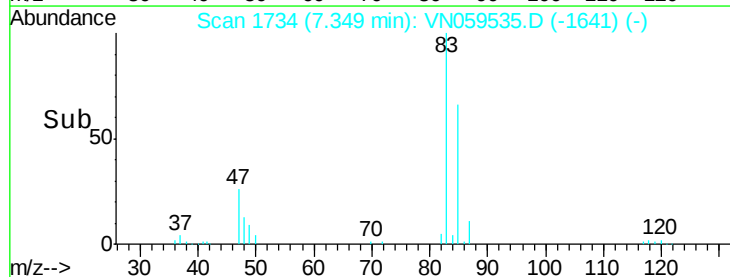
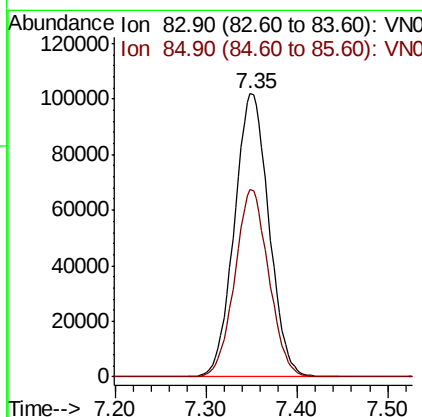
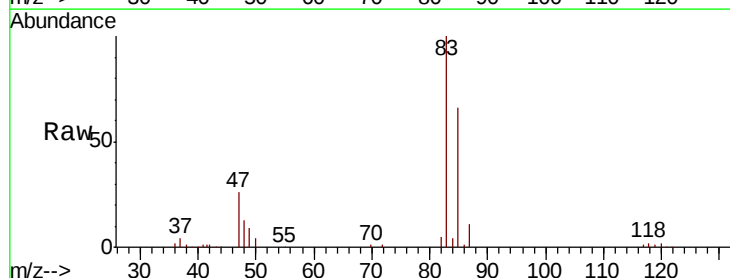
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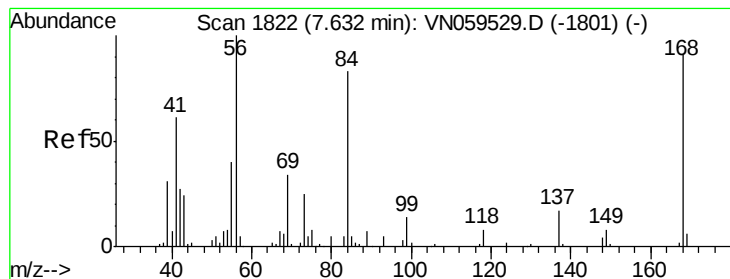
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#30
Chloroform
Concen: 45.547 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.6	75.8





#31

Cyclohexane

Concen: 43.183 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

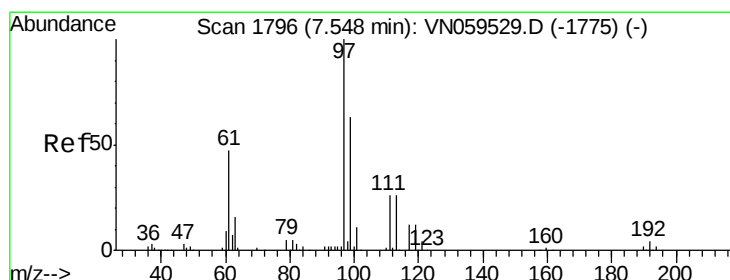
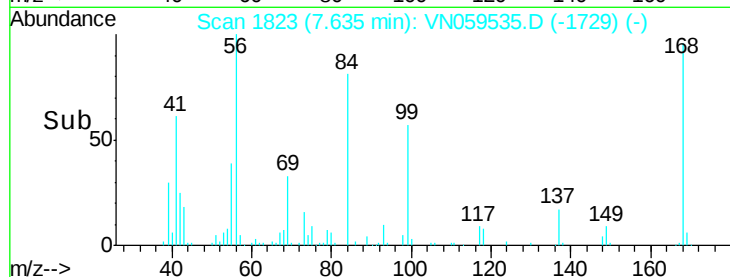
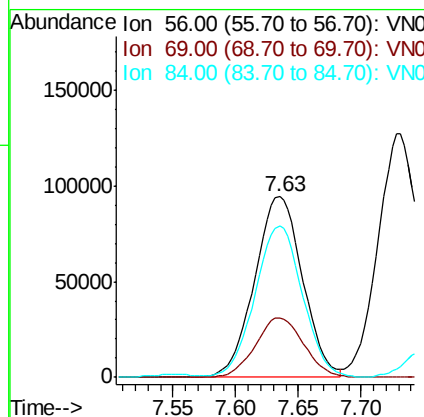
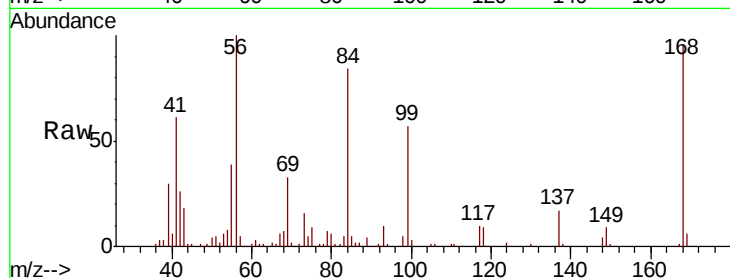
ClientSampleId :

ICVVN120919

Tot Ion:	56	Resp:	251157
Ion Ratio		Lower	Upper
56	100		
69	32.9	26.9	40.3
84	82.5	66.5	99.7

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#32

1,1,1-Trichloroethane

Concen: 45.683 ug/l

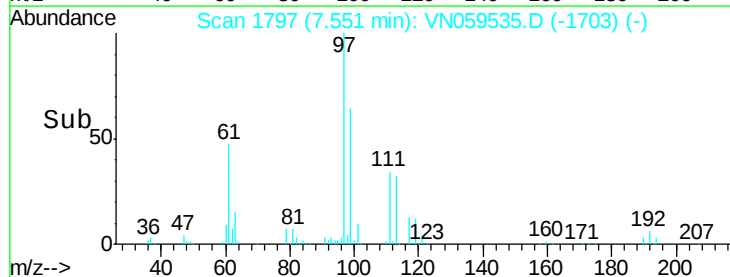
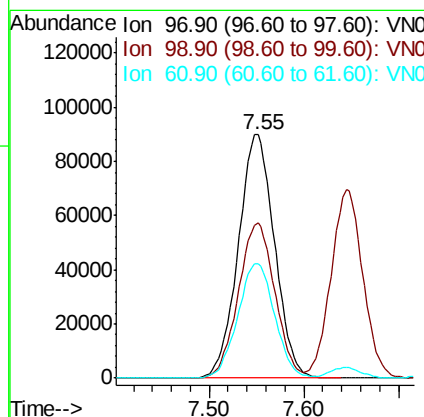
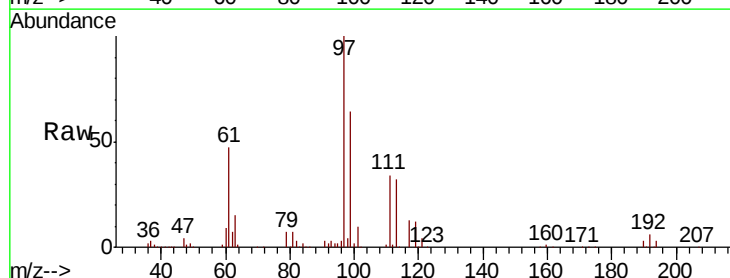
RT: 7.55 min Scan# 1797

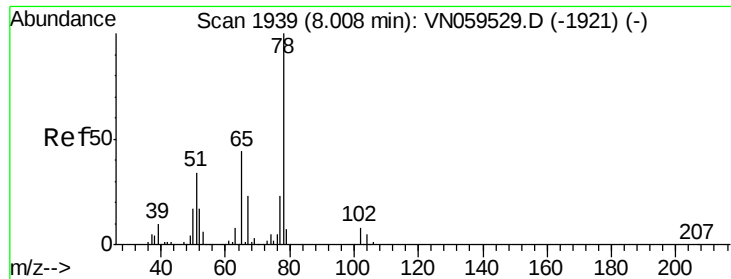
Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	97	Resp:	239045
Ion Ratio		Lower	Upper
97	100		
99	64.2	51.4	77.2
61	48.0	38.5	57.7





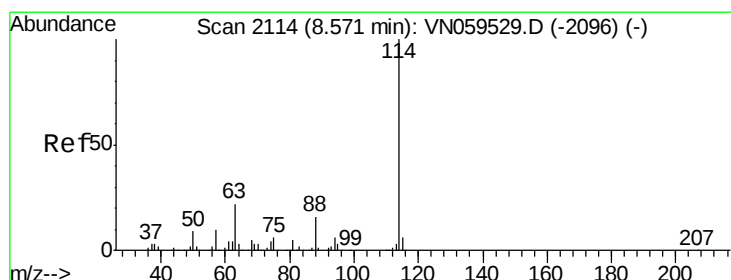
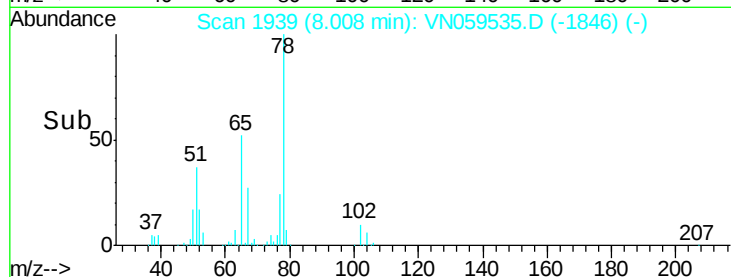
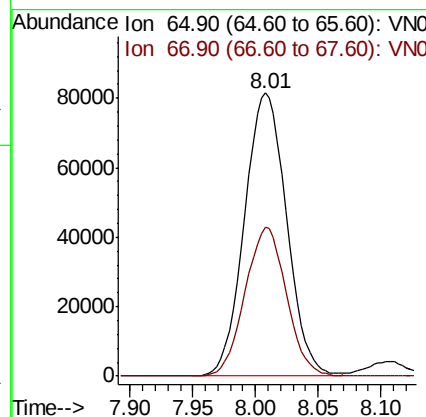
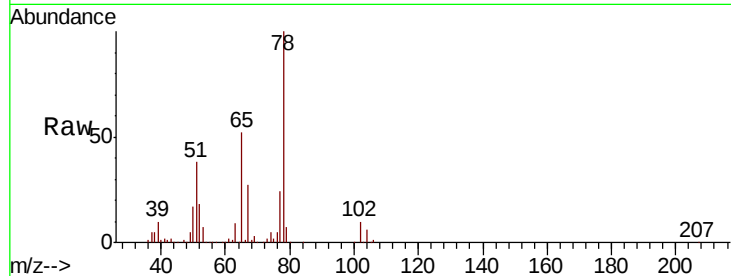
#33
 1,2-Dichloroethane-d4
 Concen: 49.419 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120919

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.6

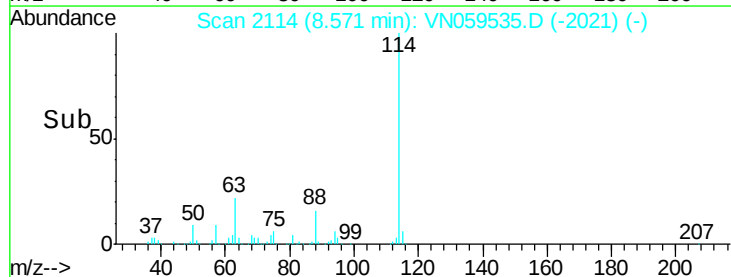
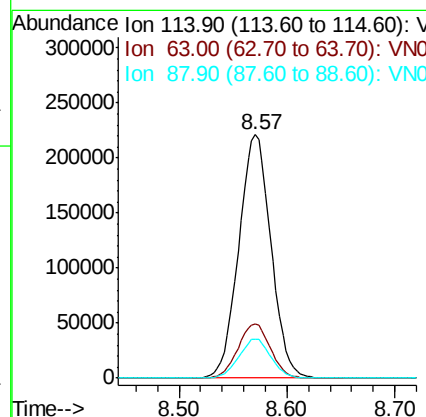
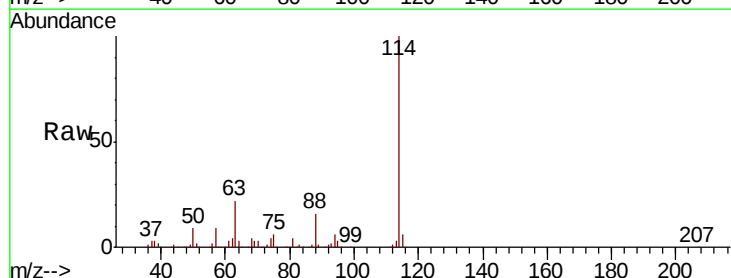
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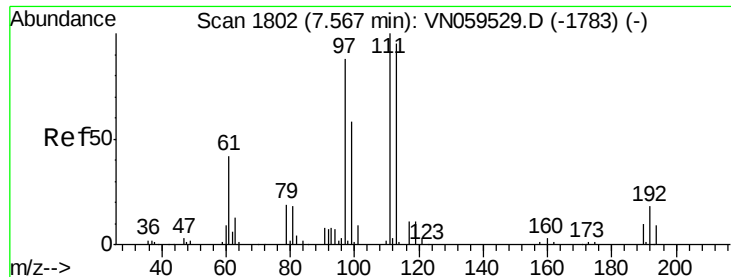
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	16.2	0.0	32.2





#35

Dibromofluoromethane

Concen: 50.387 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

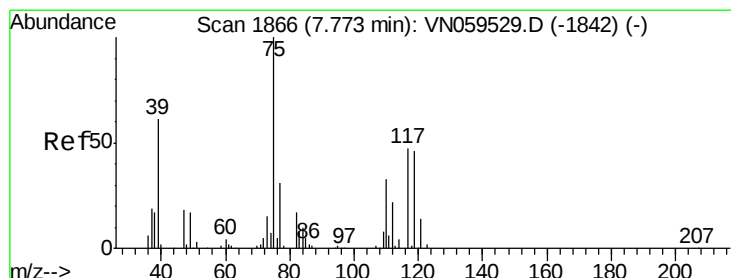
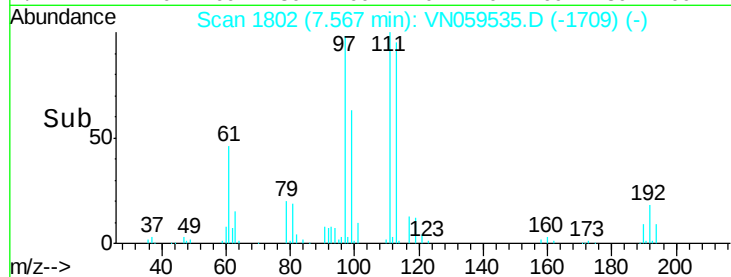
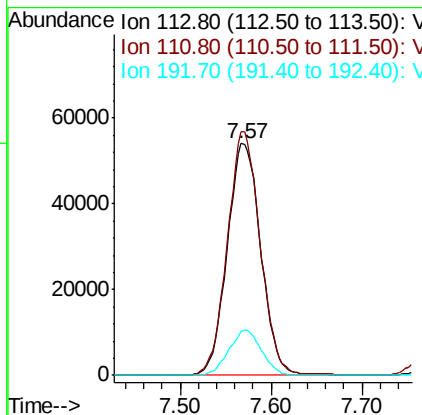
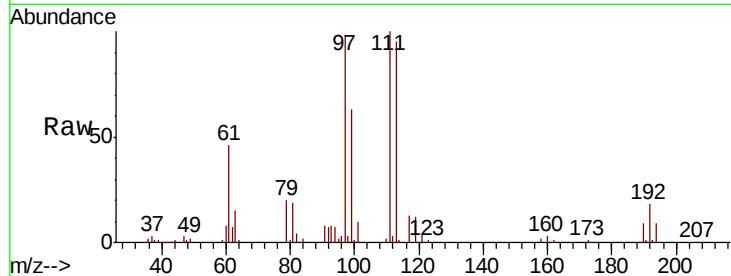
ClientSampleId :

ICVVN120919

Tot Ion:	113	Resp:	138130
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.4
192	18.9	14.8	22.2

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#36

1,1-Dichloropropene

Concen: 44.559 ug/l

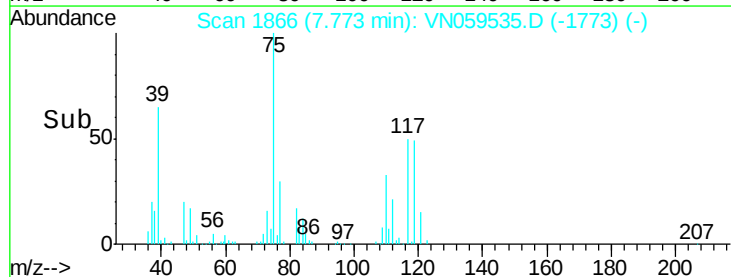
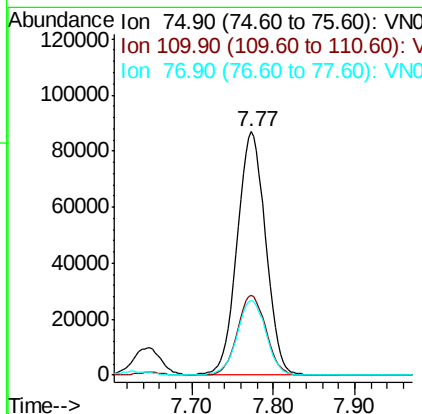
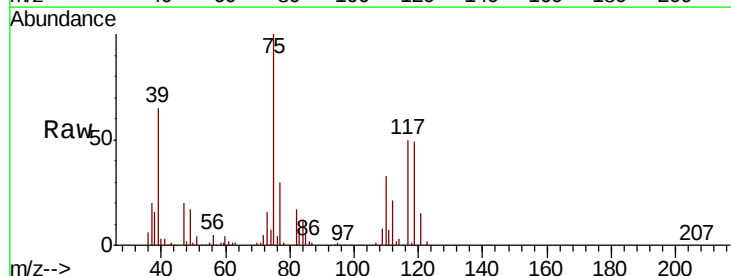
RT: 7.77 min Scan# 1866

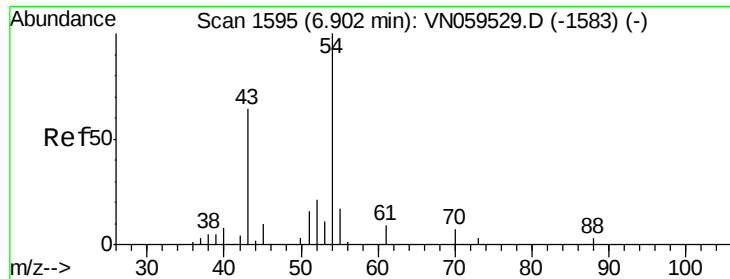
Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	75	Resp:	210014
Ion Ratio	Lower	Upper	
75	100		
110	32.9	16.7	50.0
77	31.2	24.6	37.0





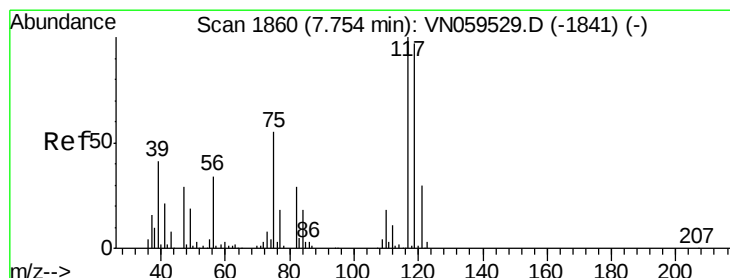
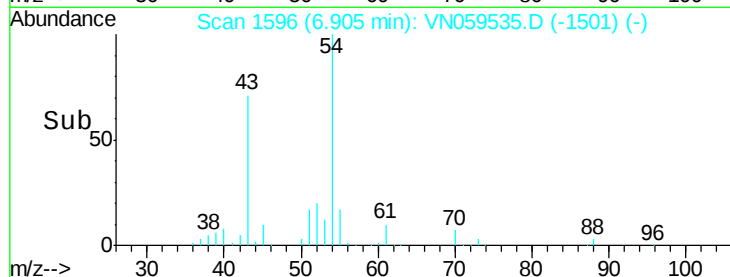
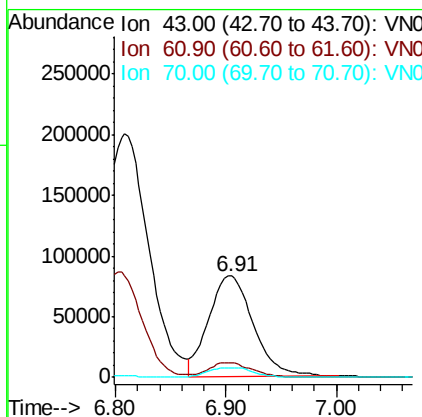
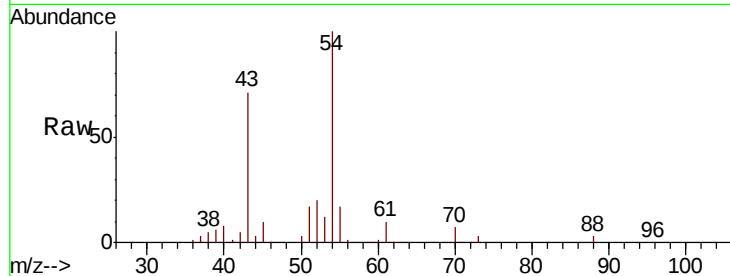
#37
Ethyl Acetate
Concen: 42.700 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.6
70	9.9	7.7	11.5

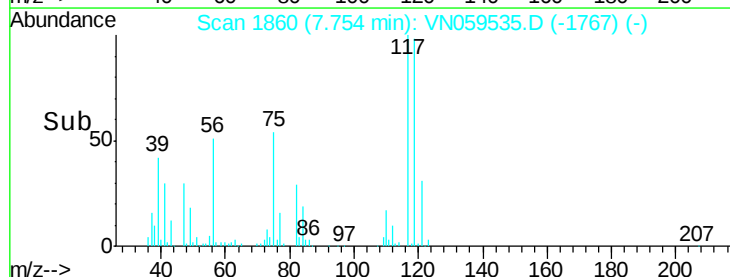
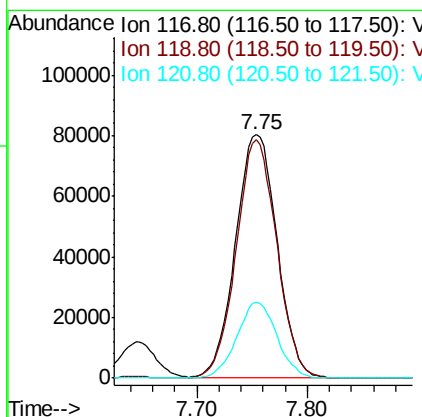
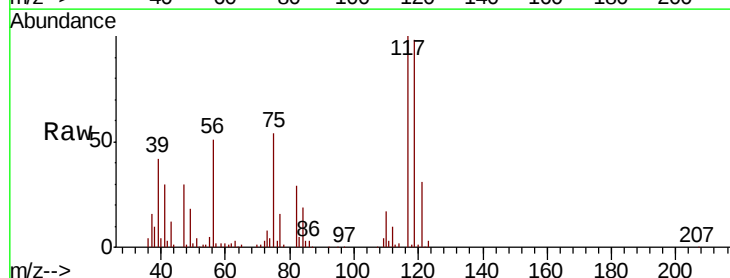
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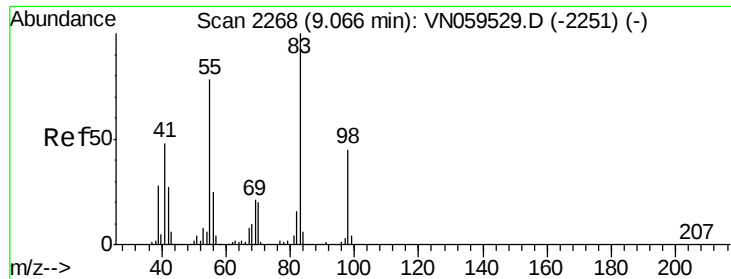
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#38
Carbon Tetrachloride
Concen: 45.186 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.4
121	31.1	24.1	36.1





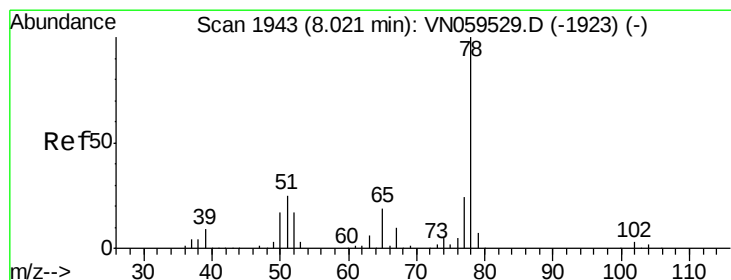
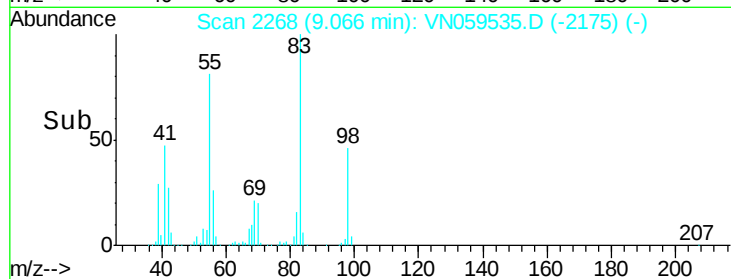
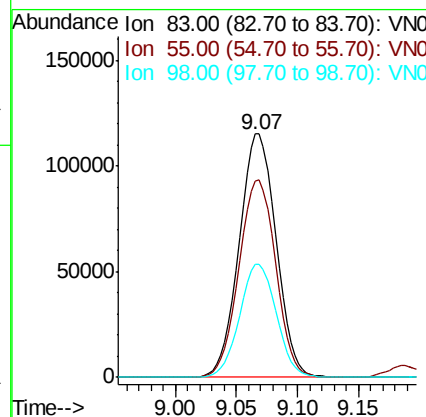
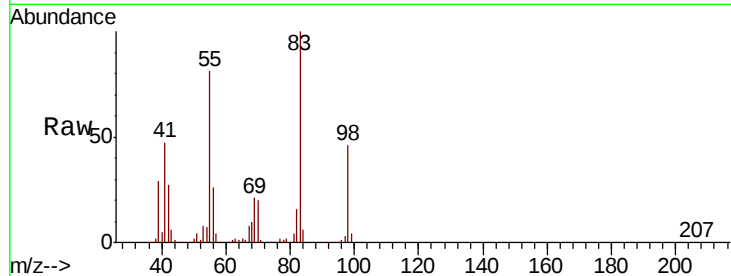
#39
Methvlcvclohexane
Concen: 45.730 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	83.00	Resp	241764
Ion	Ratio	Lower	Upper
83	100		
55	80.6	62.7	94.1
98	46.4	35.7	53.5

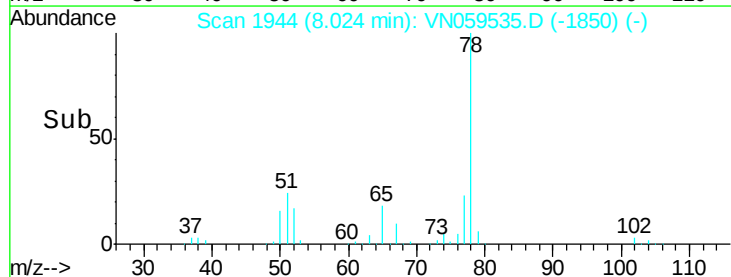
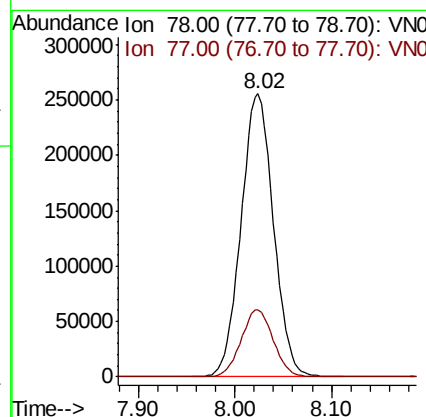
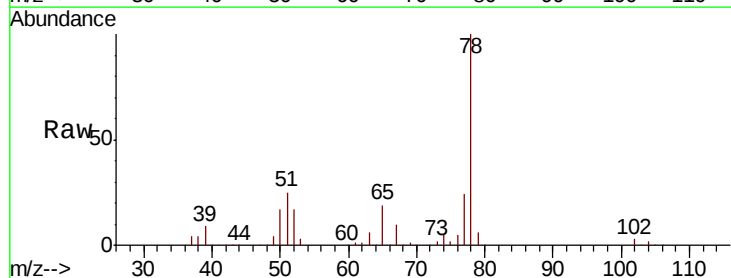
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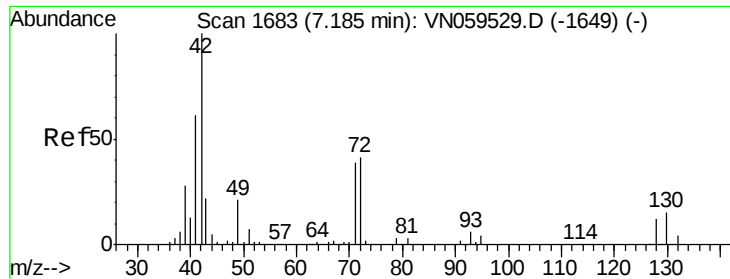
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#40
Benzene
Concen: 44.164 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	78.00	Resp	594633
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





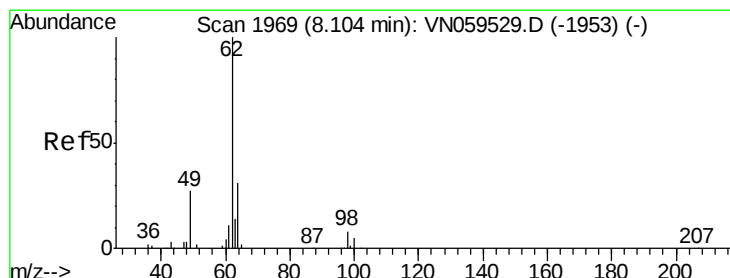
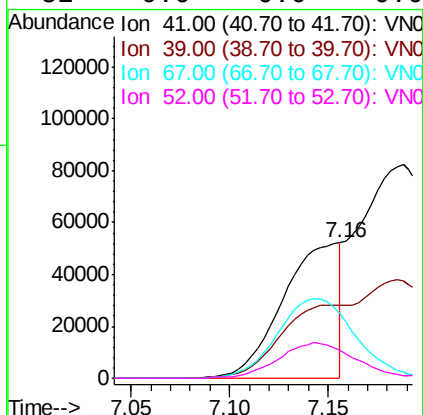
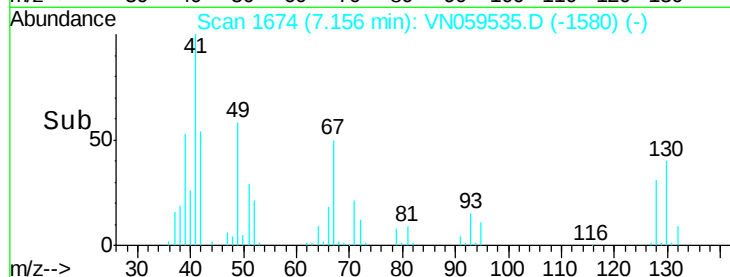
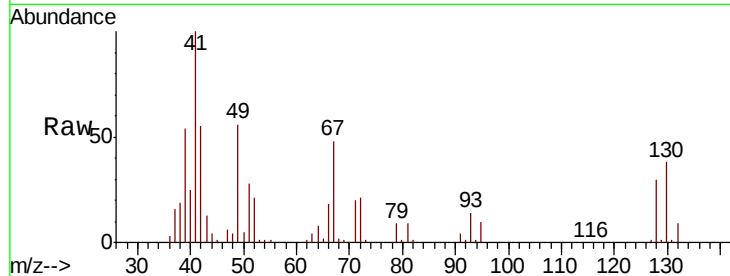
#41
Methacrylonitrile
Concen: 46.102 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	41	Resp	105594
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

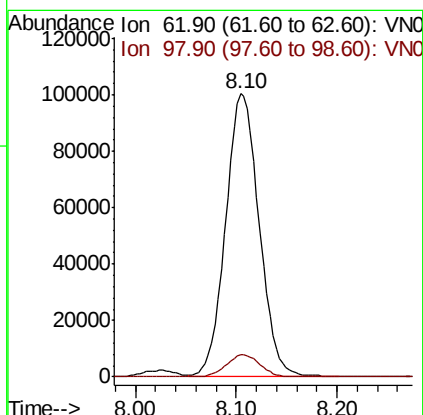
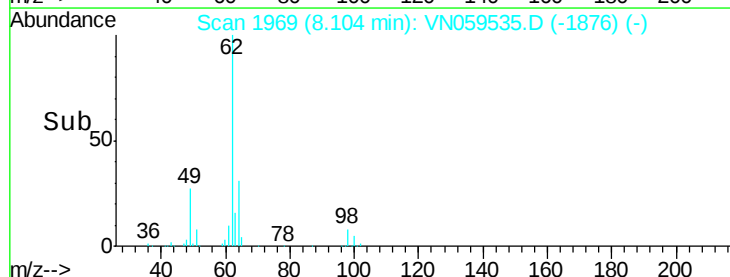
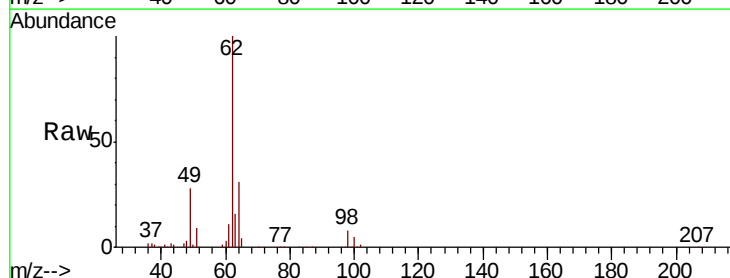
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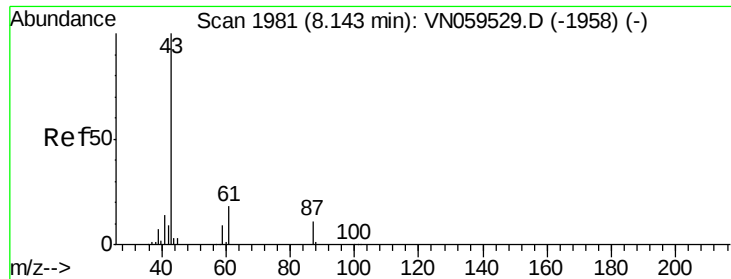
apatel
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#42
1,2-Dichloroethane
Concen: 46.383 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	62	Resp	232683
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.4





#43

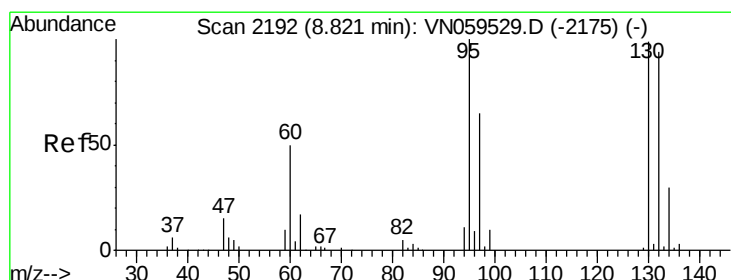
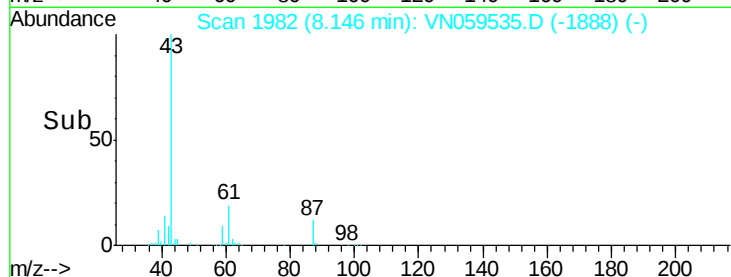
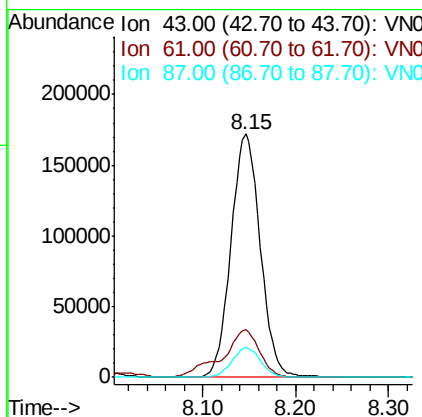
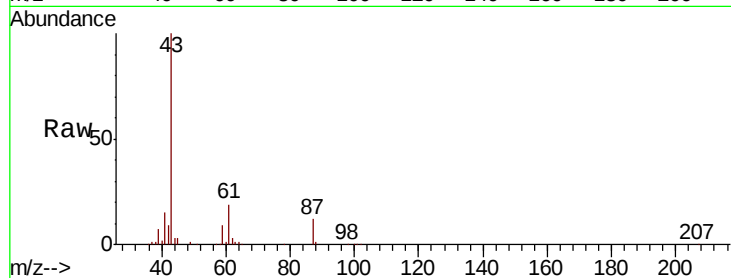
Isopropyl Acetate
 Concen: 46.094 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120919

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.4	19.8	29.6
87	12.0	9.4	14.2

Manual Integrations
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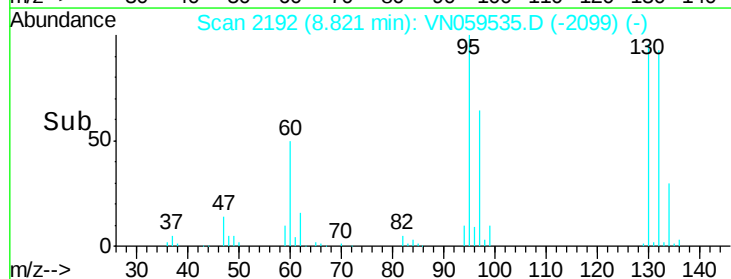
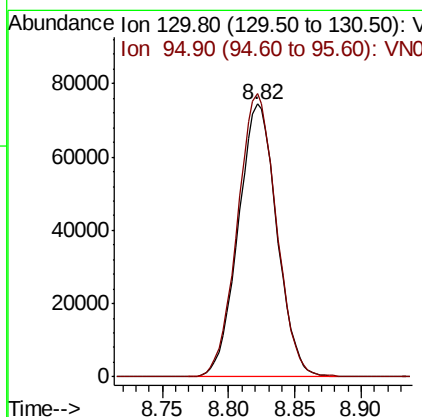
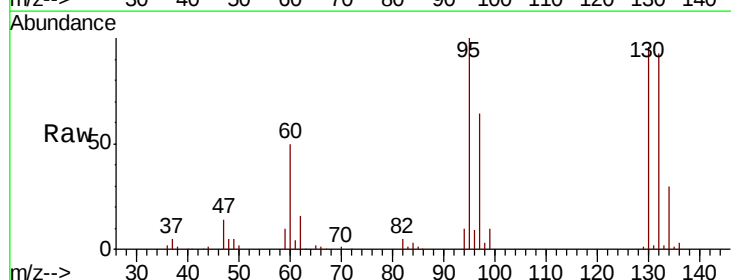
apatel
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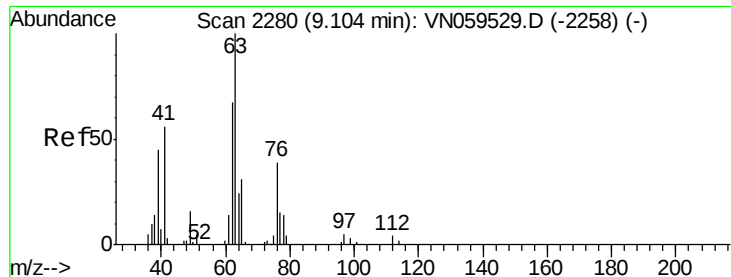


#44

Trichloroethene
 Concen: 44.331 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	202.0





#45

1,2-Dichloropropane

Concen: 45.118 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 63 Resp: 160925

Ion Ratio Lower Upper

63 100

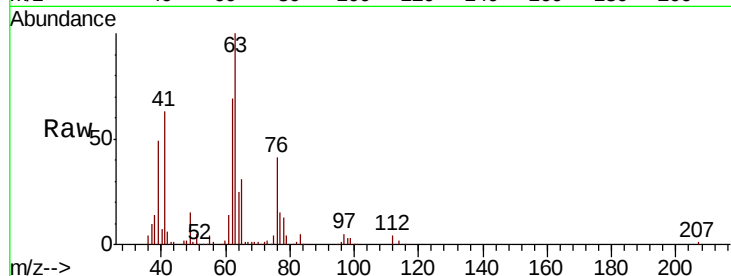
65 30.7 24.8 37.2

Manual Integrations

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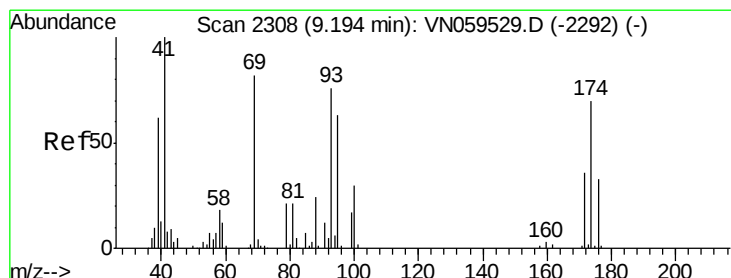
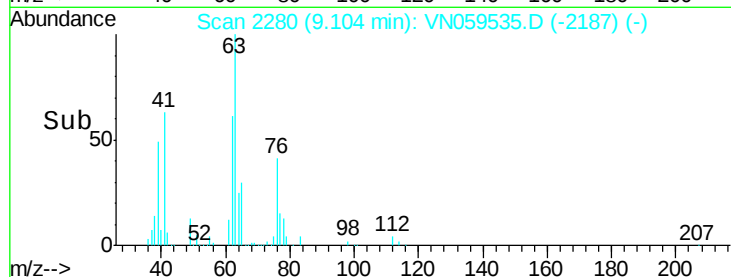
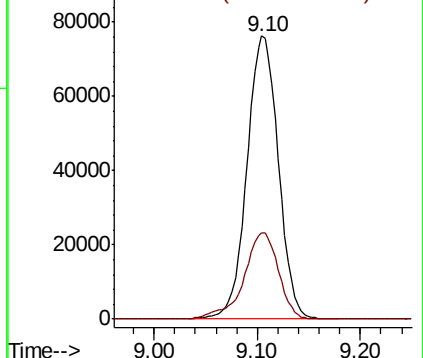
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 44.449 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

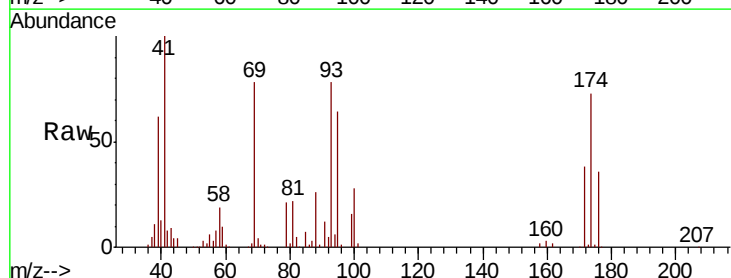
Tgt Ion: 93 Resp: 104776

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

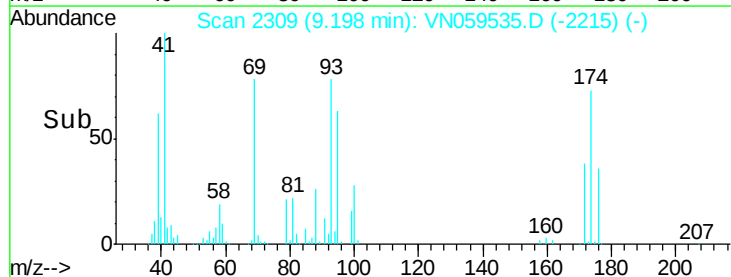
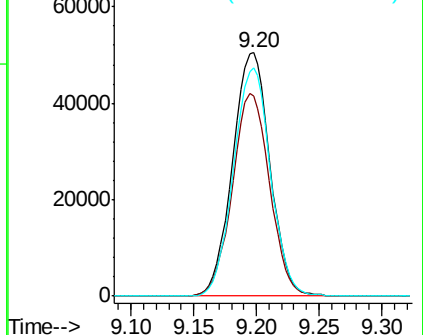
174 93.0 75.6 113.4

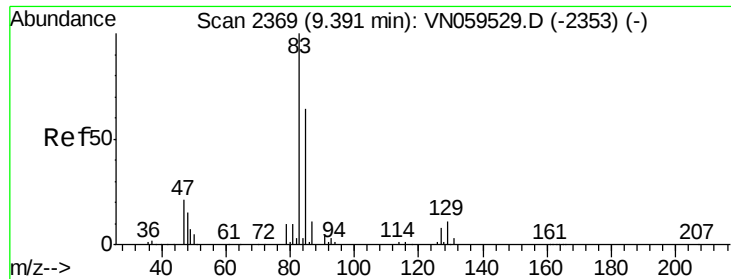


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.546 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

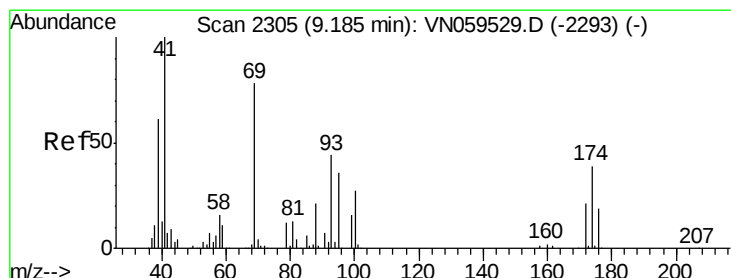
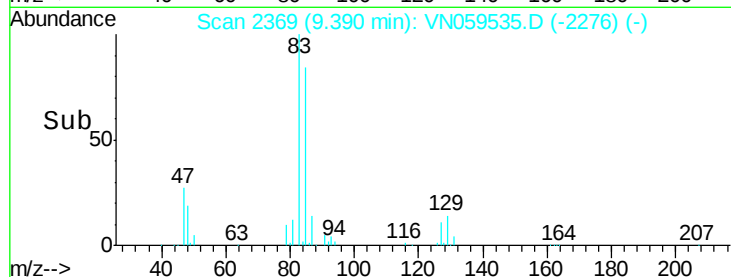
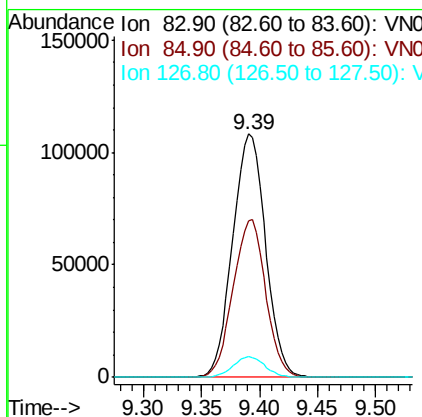
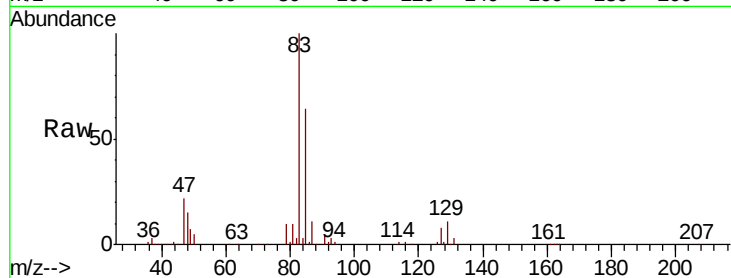
ClientSampleId :

ICVVN120919

Tot Ion:	83	Resp:	213371
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.4	77.0
127	8.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.562 ug/l

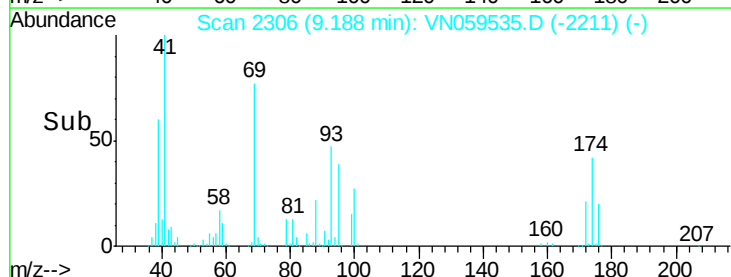
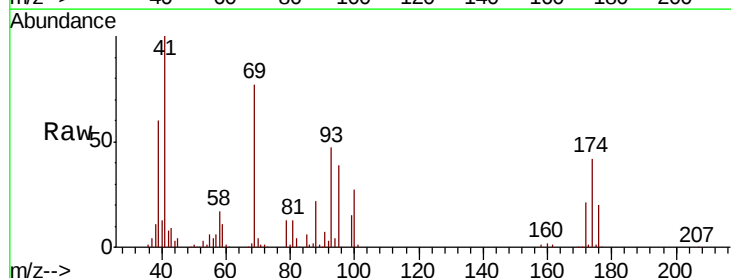
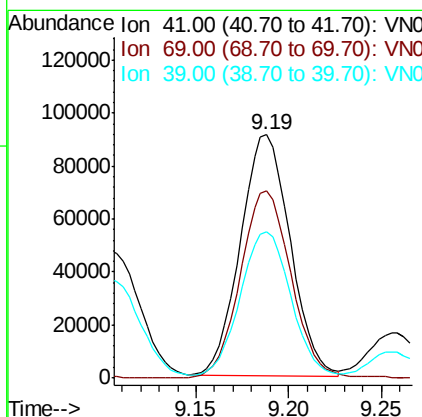
RT: 9.19 min Scan# 2306

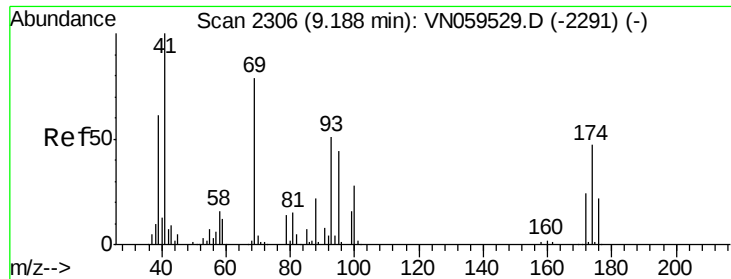
Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	41	Resp:	169195
Ion Ratio	Lower	Upper	
41	100		
69	79.8	64.0	96.0
39	62.5	50.0	75.0





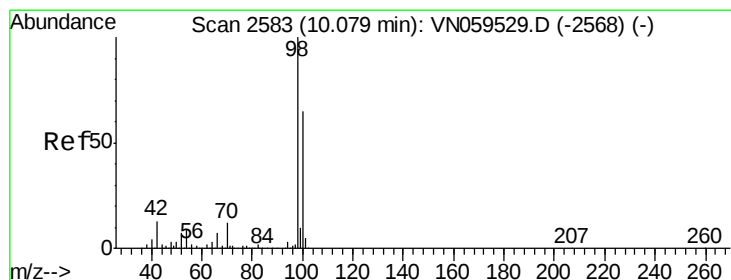
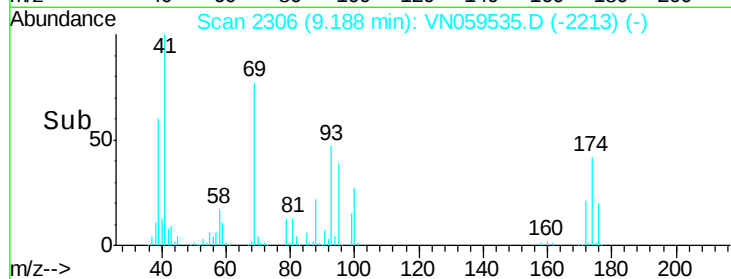
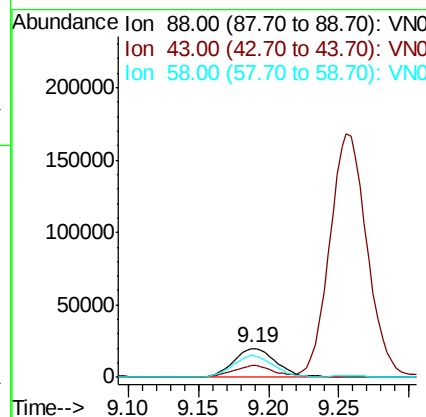
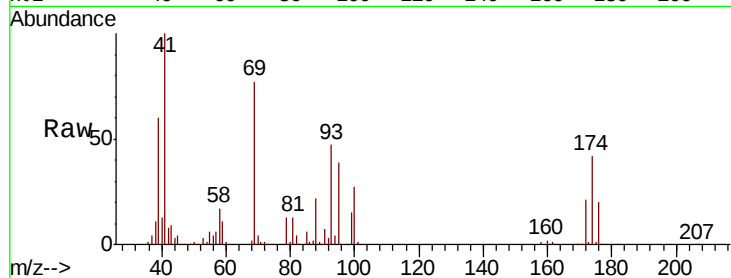
#49
 1,4-Dioxane
 Concen: 929.827 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120919

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	31.4	47.0
58	74.2	61.0	91.6

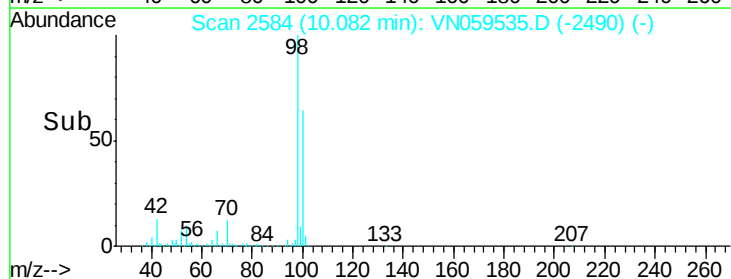
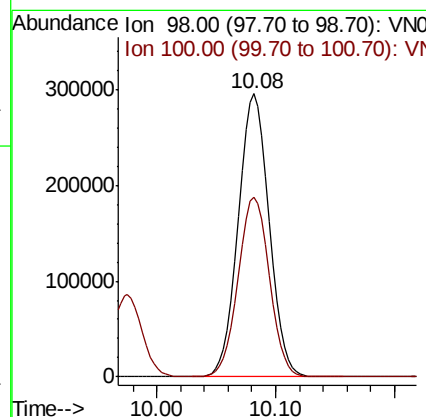
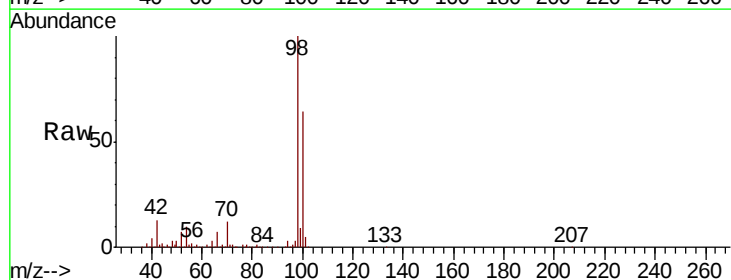
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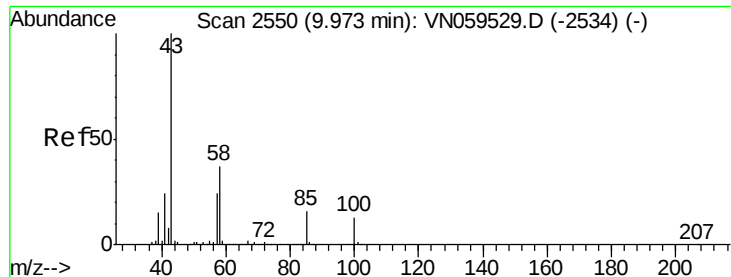
apatel
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#50
 Toluene-d8
 Concen: 47.595 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 221.886 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 43 Resp: 1147485

Ion Ratio Lower Upper

43 100

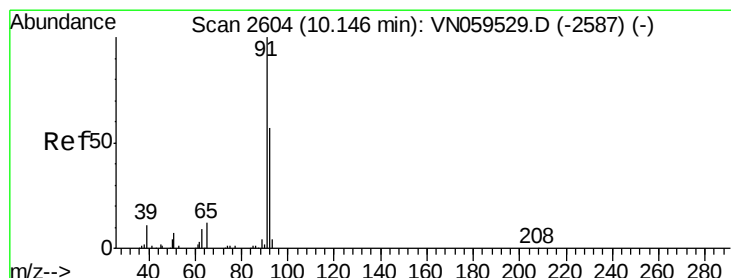
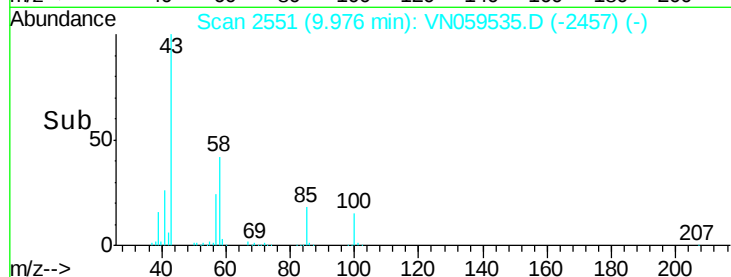
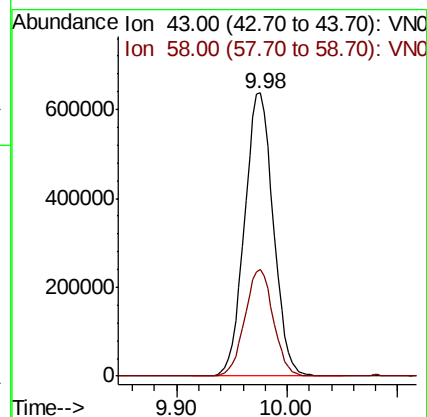
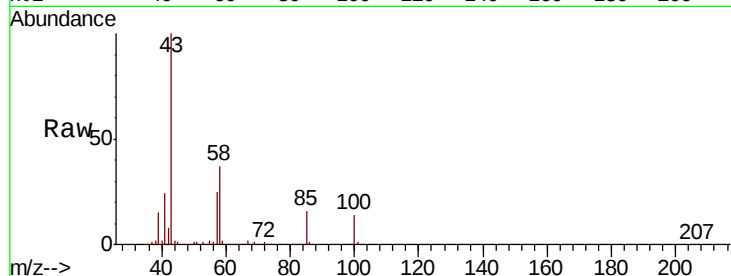
58 37.2 30.1 45.1

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#52

Toluene

Concen: 45.932 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059535.D

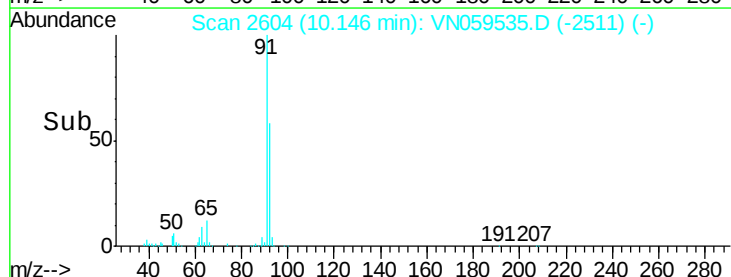
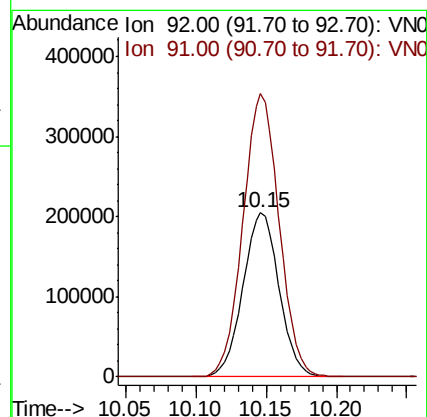
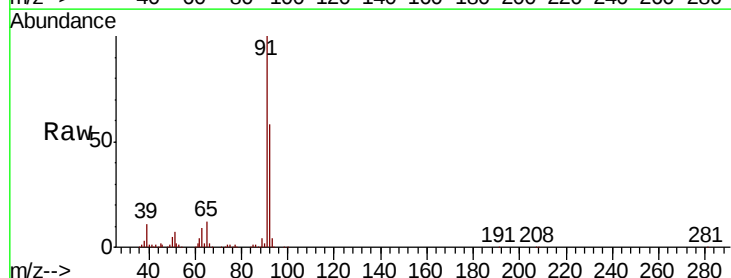
Acq: 9 Dec 2019 18:25

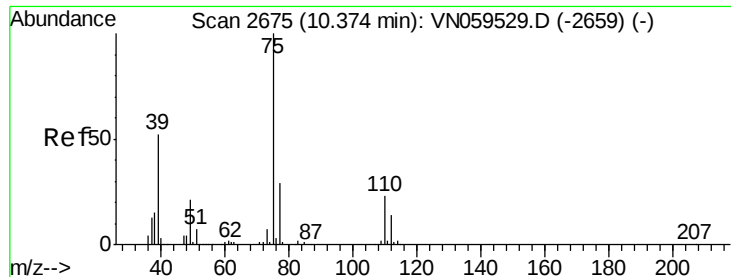
Tgt Ion: 92 Resp: 368481

Ion Ratio Lower Upper

92 100

91 172.7 140.7 211.1





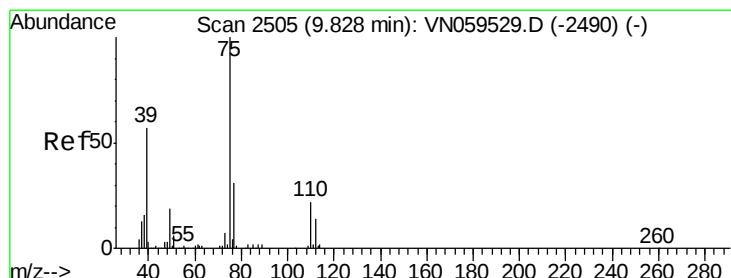
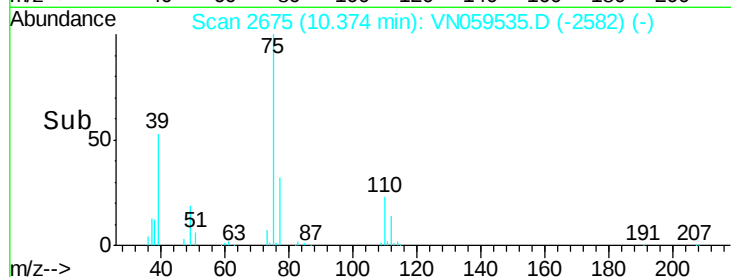
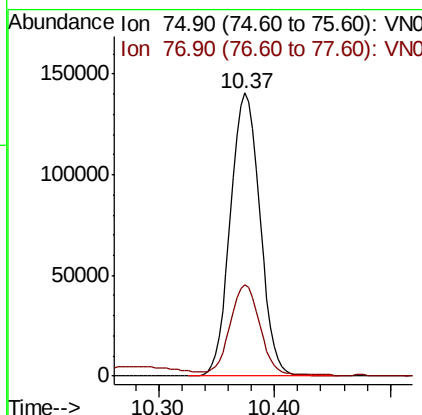
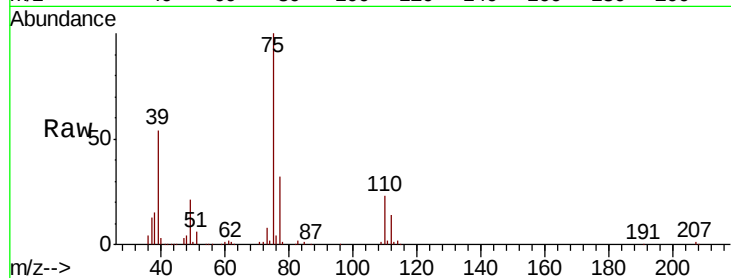
#53
t-1,3-Dichloropropene
Concen: 45.677 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion: 75 Resp: 249320
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

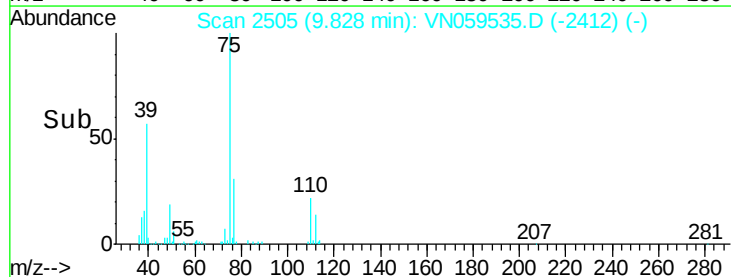
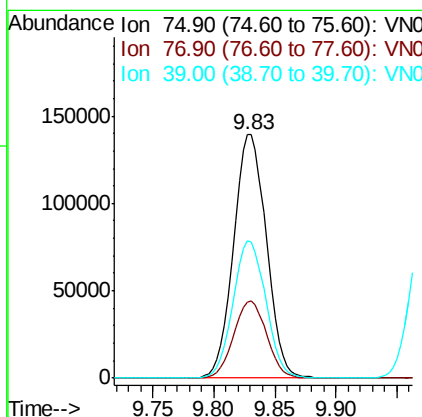
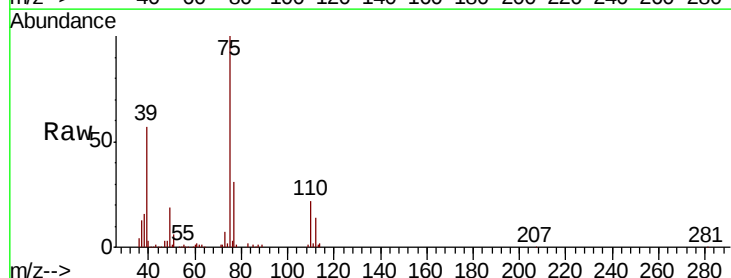
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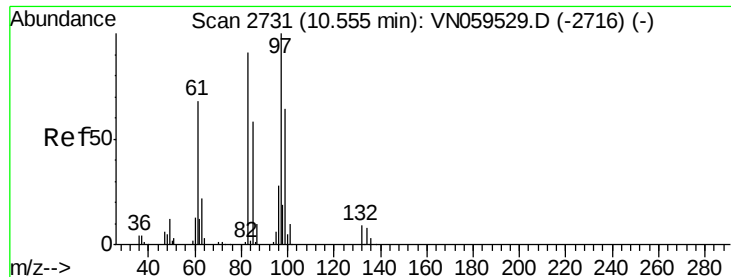
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#54
cis-1,3-Dichloropropene
Concen: 46.556 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion: 75 Resp: 260082
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 56.7 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 48.034 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

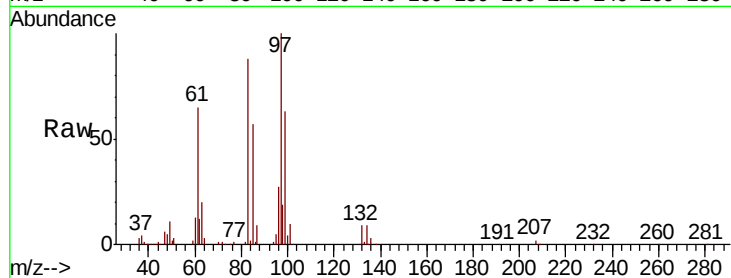
ClientSampleId :

ICVVN120919

Tot Ion:	97	Resp:	155847
Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.9	109.3
85	56.5	46.1	69.1
99	63.3	50.8	76.2

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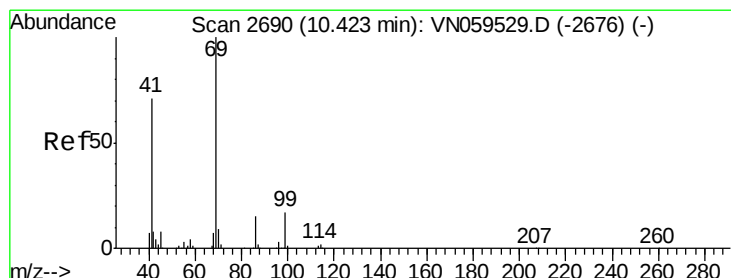
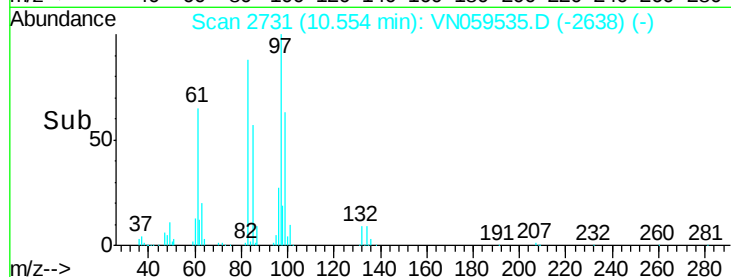
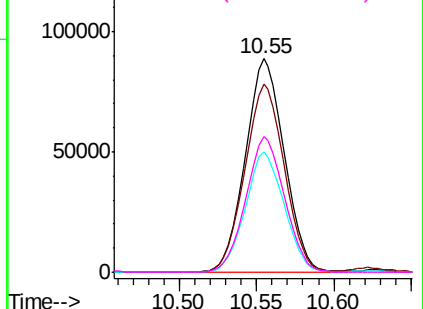


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 40.826 ug/l

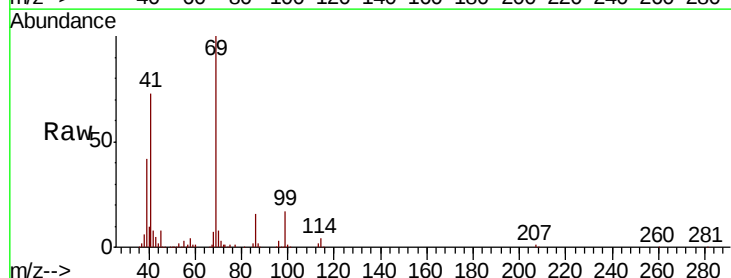
RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

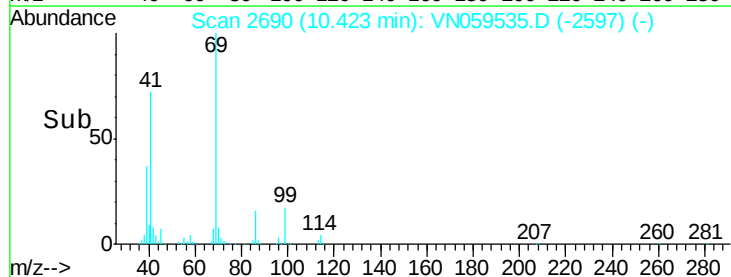
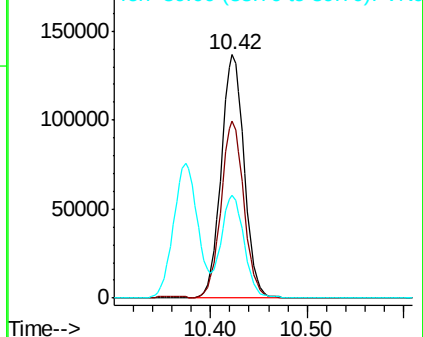
Tgt Ion:	69	Resp:	225908
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.7	86.5
39	41.7	34.2	51.2

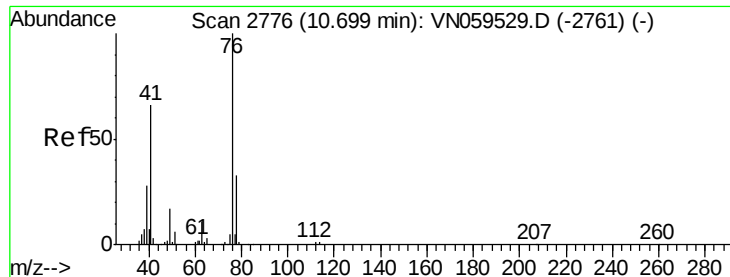


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 45.877 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 76 Resp: 254219

Ion Ratio Lower Upper

76 100

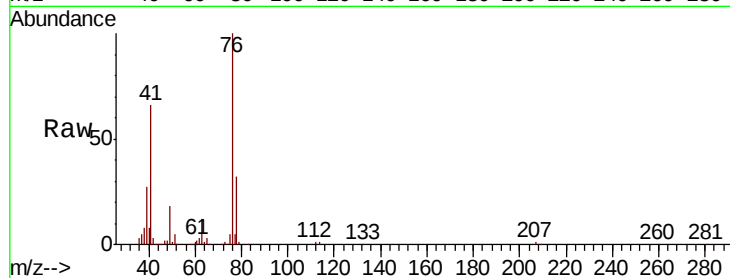
78 32.2 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

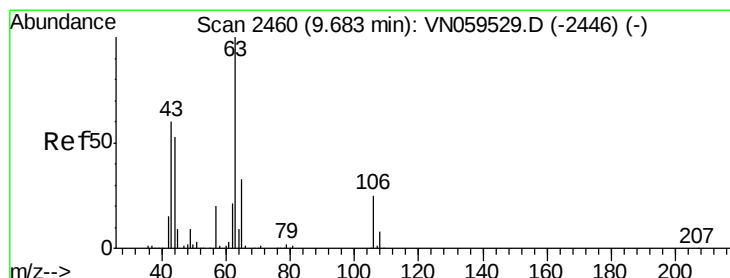
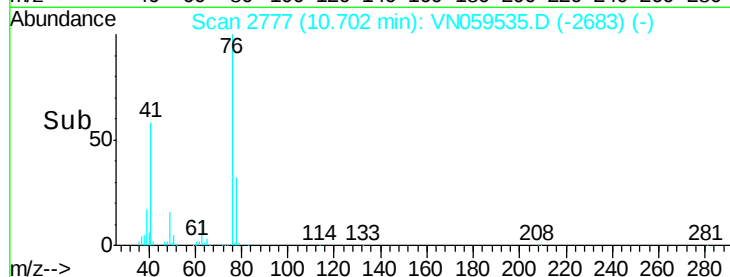
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 215.211 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059535.D

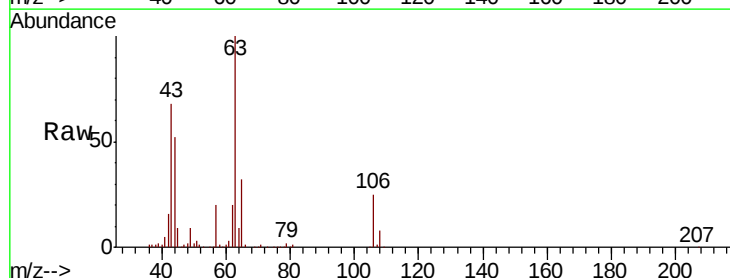
Acq: 9 Dec 2019 18:25

Tgt Ion: 63 Resp: 286050

Ion Ratio Lower Upper

63 100

106 25.3 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

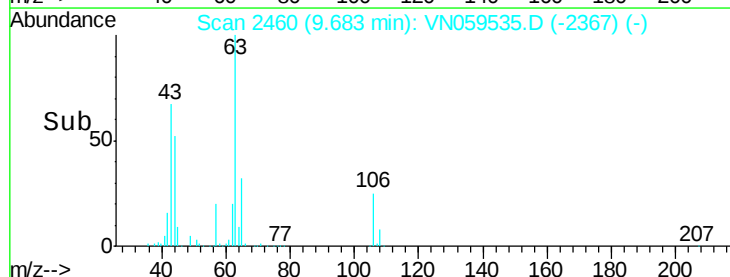
150000

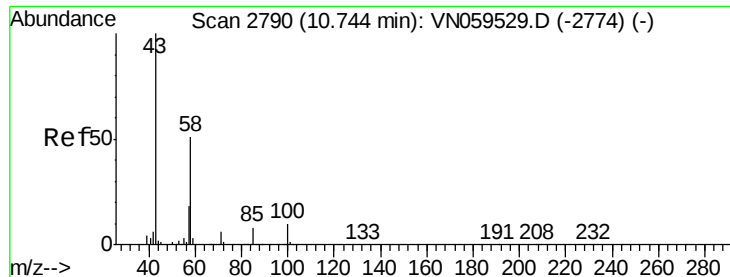
100000

50000

0

Time-->





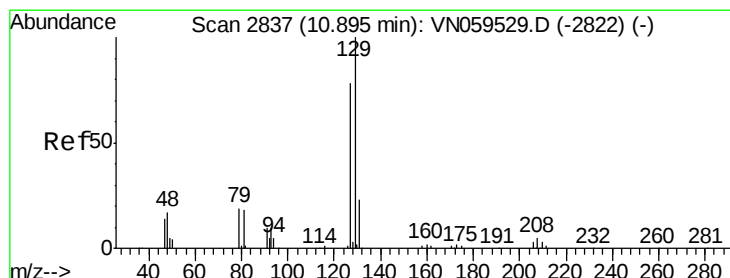
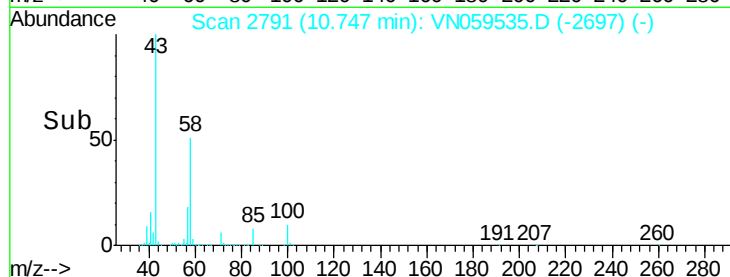
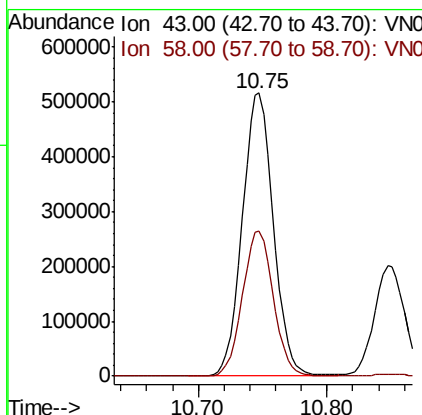
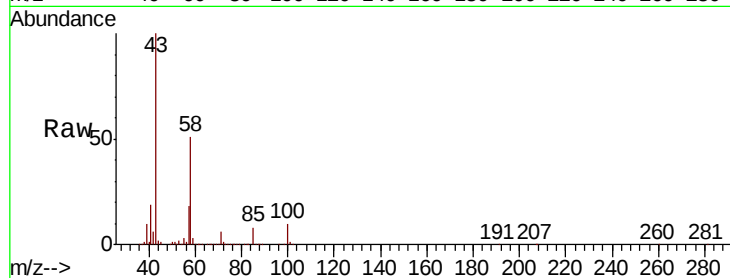
#59
2-Hexanone
Concen: 218.852 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion: 43 Resp: 863018
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.6

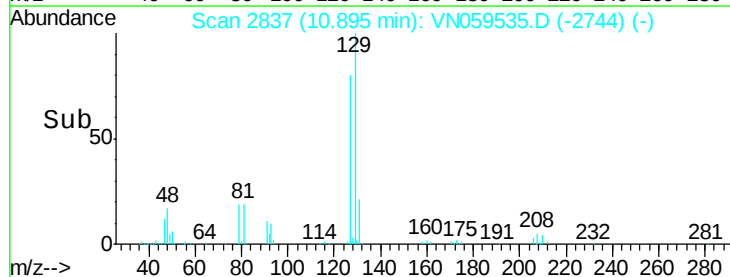
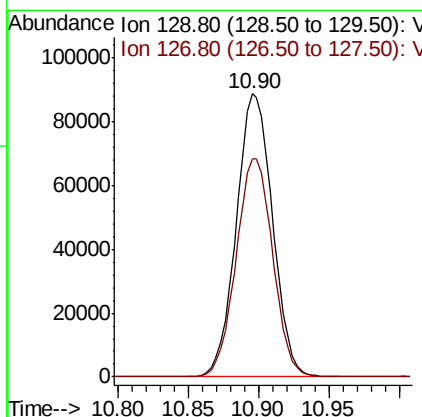
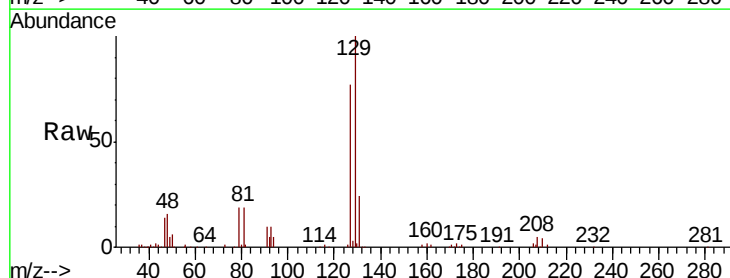
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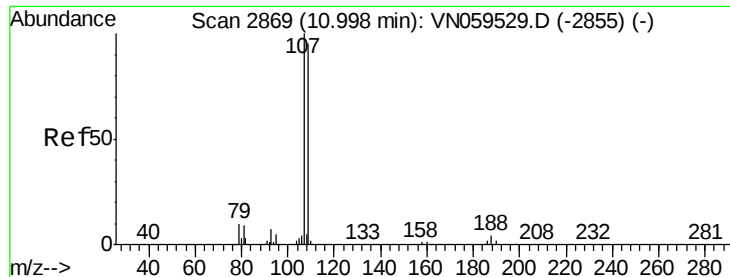
apatel
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#60
Dibromochloromethane
Concen: 41.455 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion: 129 Resp: 159819
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 45.175 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 107 Resp: 152587

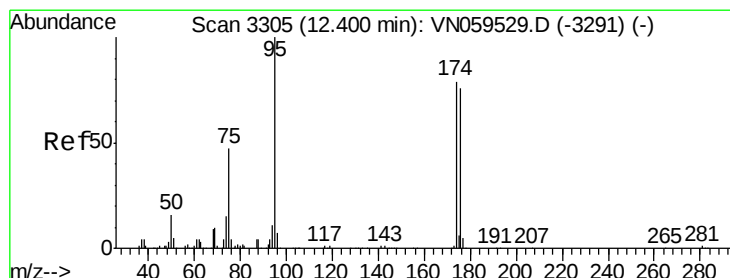
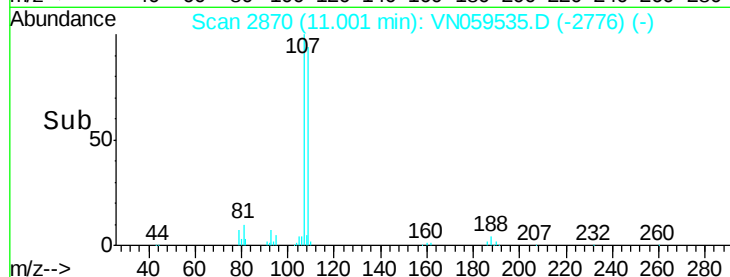
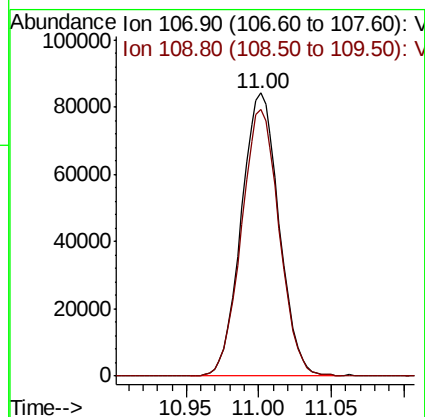
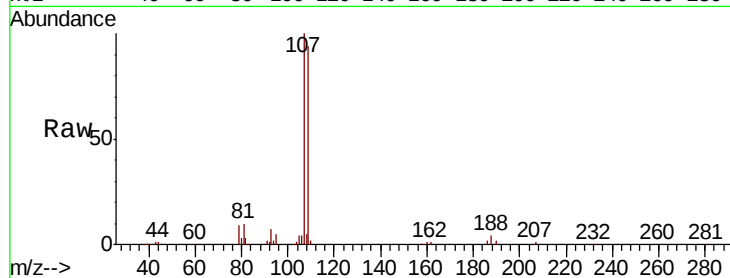
Ion Ratio Lower Upper

107 100

109 94.4 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 47.099 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

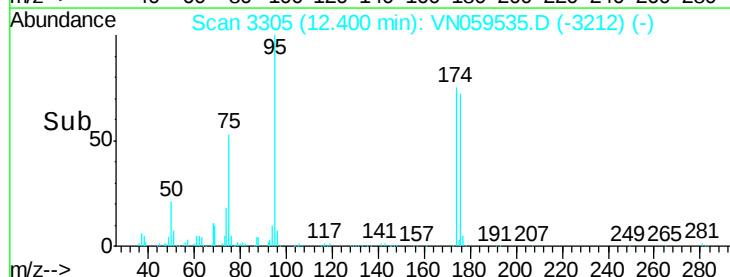
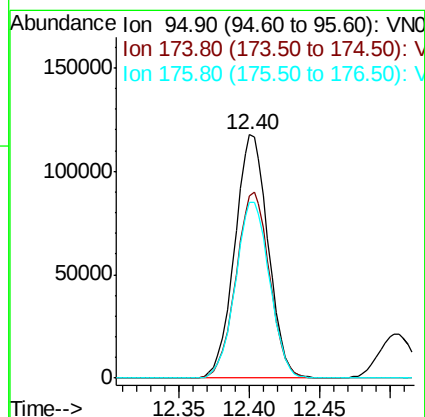
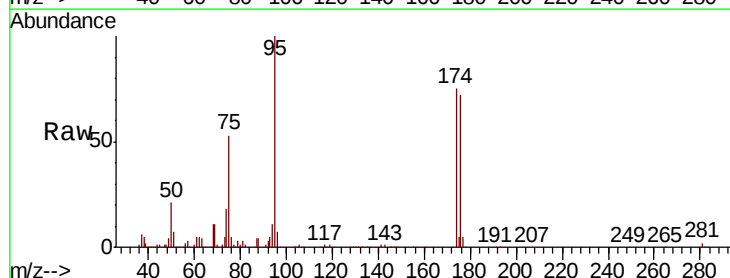
Tgt Ion: 95 Resp: 195121

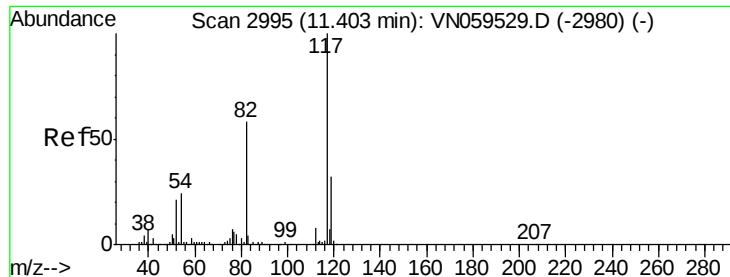
Ion Ratio Lower Upper

95 100

174 76.8 0.0 158.0

176 73.9 0.0 155.4





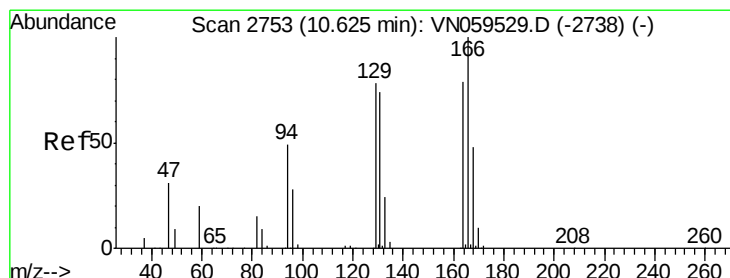
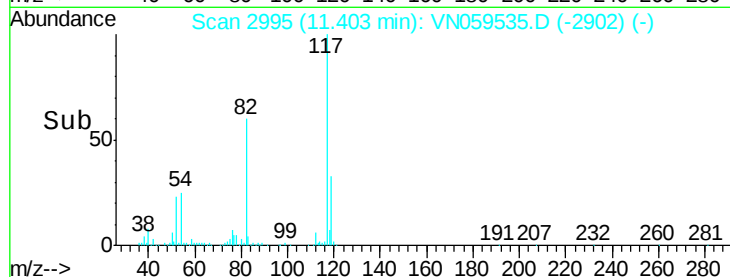
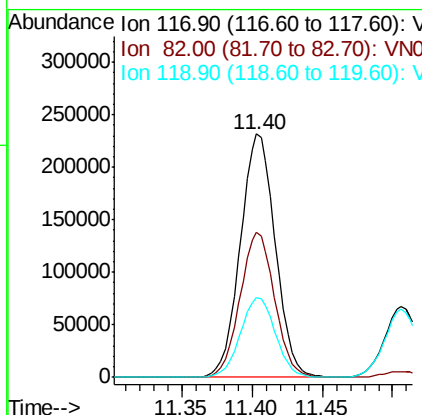
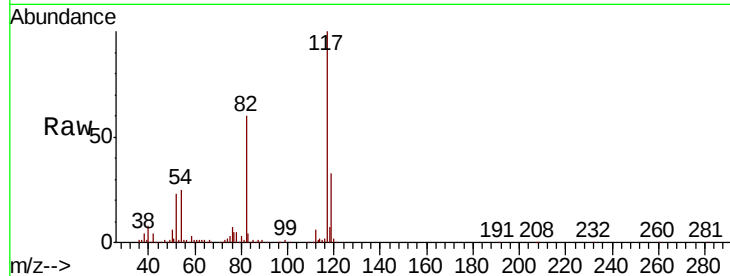
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.5	69.7
119	32.6	25.2	37.8

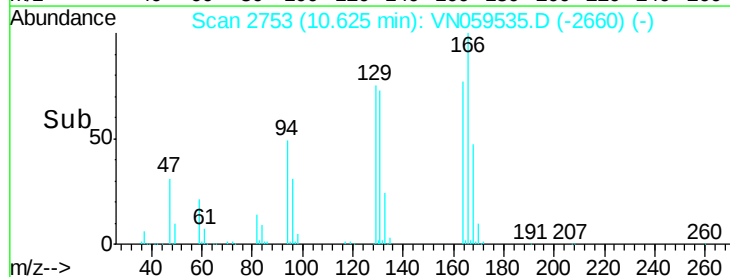
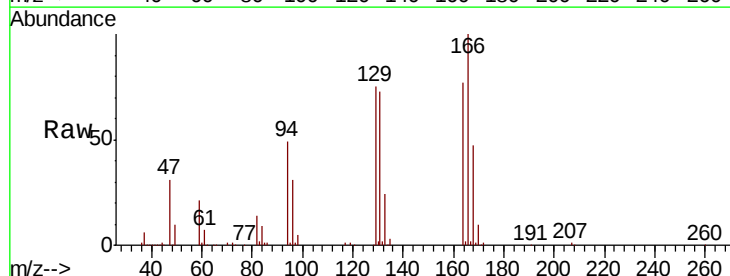
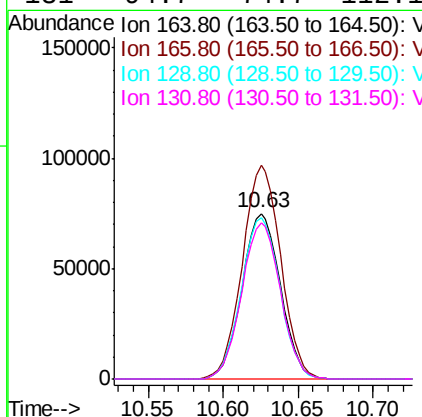
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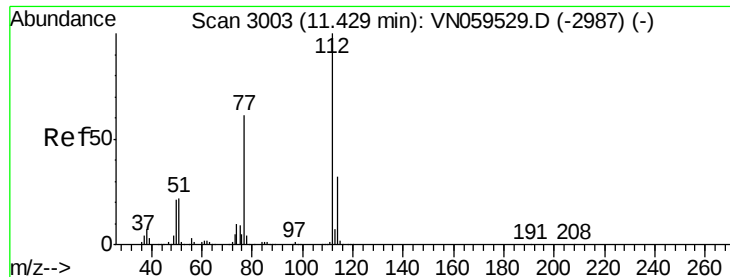
apatel
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#64
Tetrachloroethene
Concen: 45.652 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.6	152.4
129	97.3	79.0	118.6
131	94.7	74.7	112.1





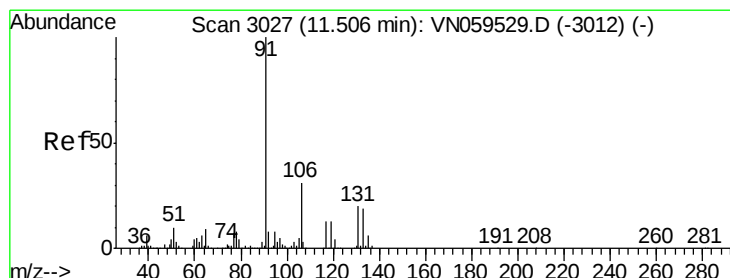
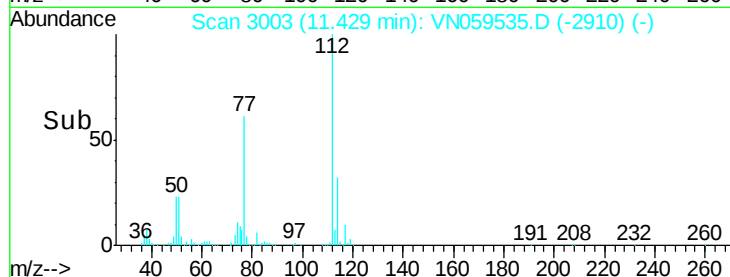
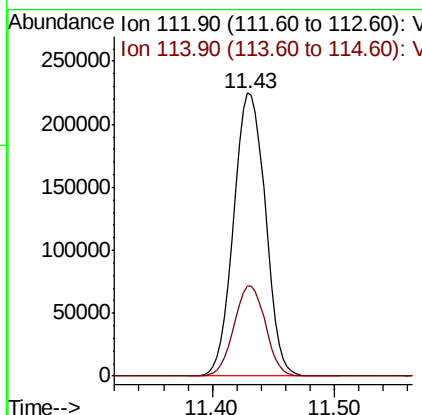
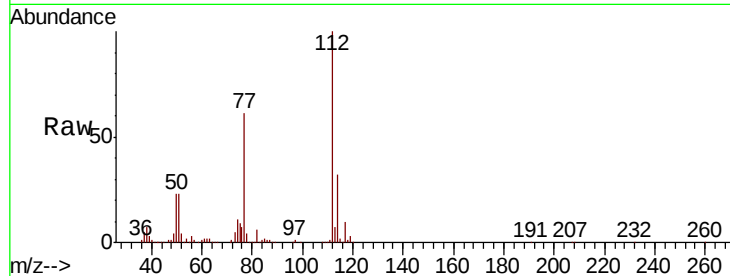
#65
Chlorobenzene
Concen: 48.225 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion:112 Resp: 405990
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

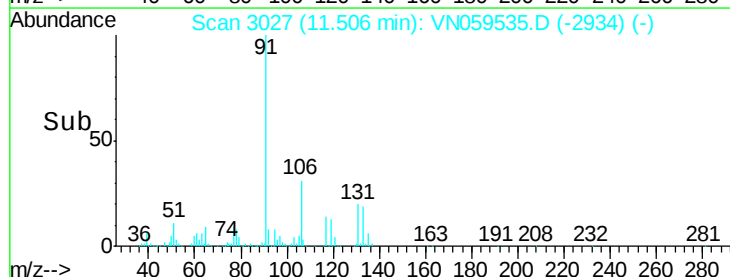
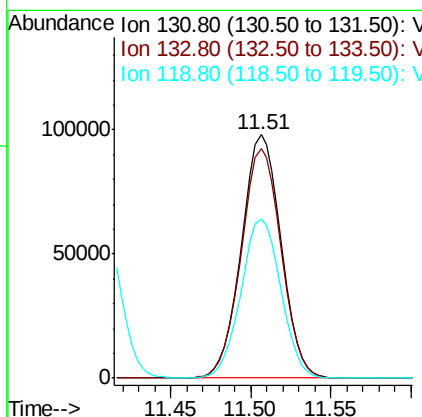
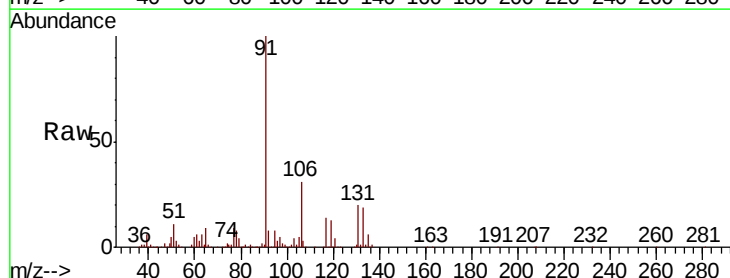
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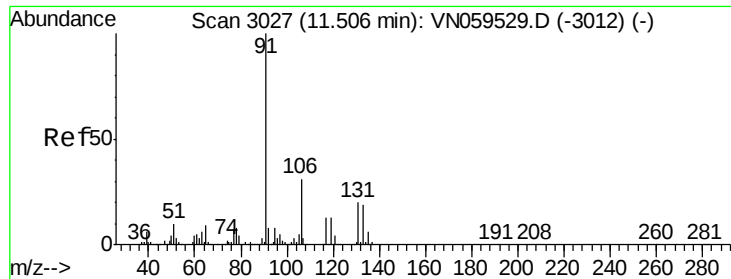
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.574 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion:131 Resp: 165077
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 66.0 33.4 100.2





#67

Ethyl Benzene

Concen: 53.331 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 91 Resp: 807926

Ion Ratio Lower Upper

91 100

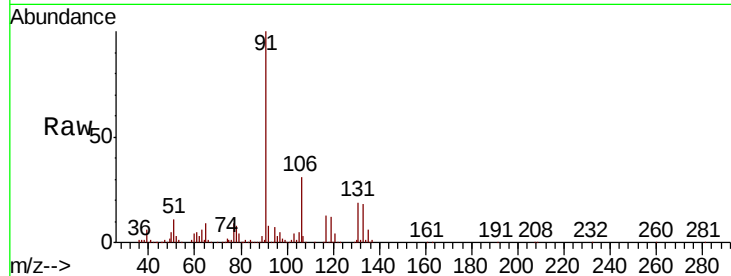
106 31.1 24.5 36.7

Manual Integrations

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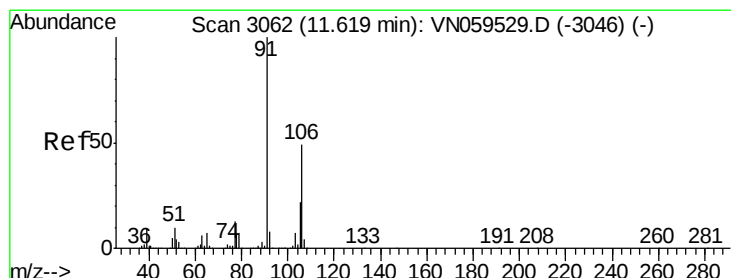
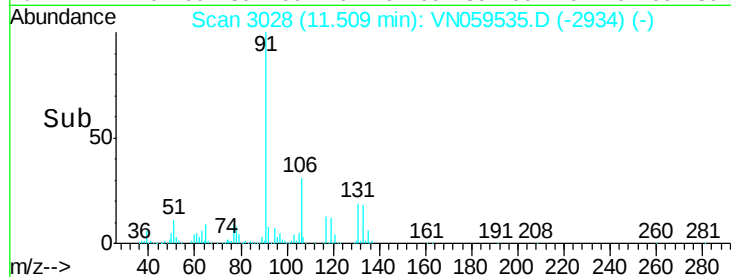
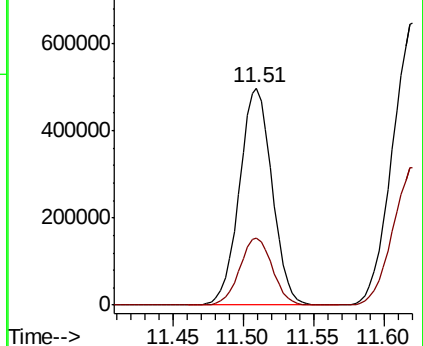
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN059529.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059529.D (-3012) (-)



#68

m/p-Xylenes

Concen: 103.600 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059535.D

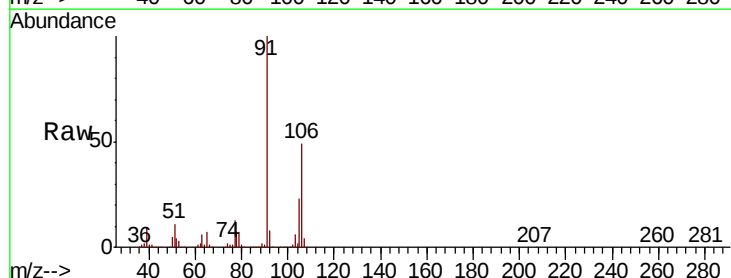
Acq: 9 Dec 2019 18:25

Tgt Ion: 106 Resp: 588758

Ion Ratio Lower Upper

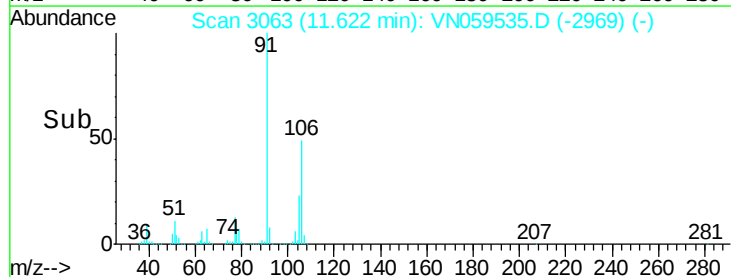
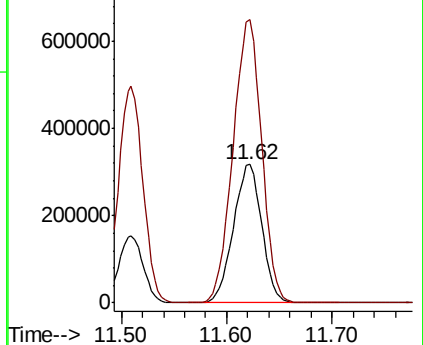
106 100

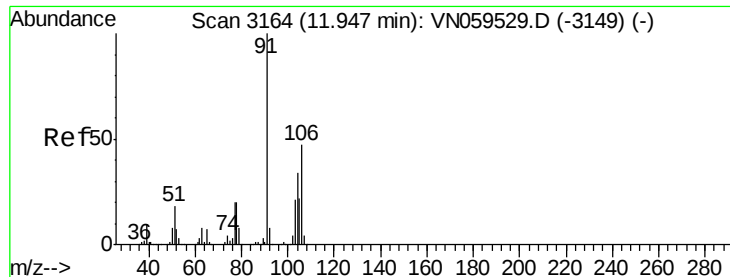
91 207.2 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): VN059529.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059529.D (-3046) (-)





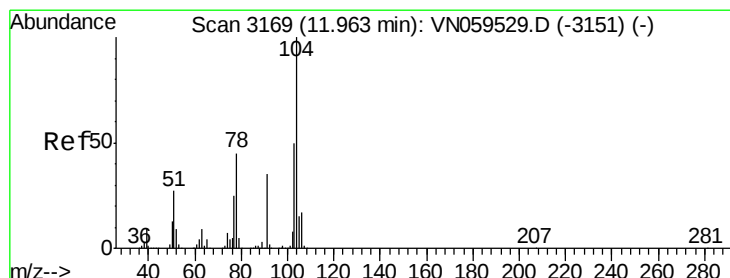
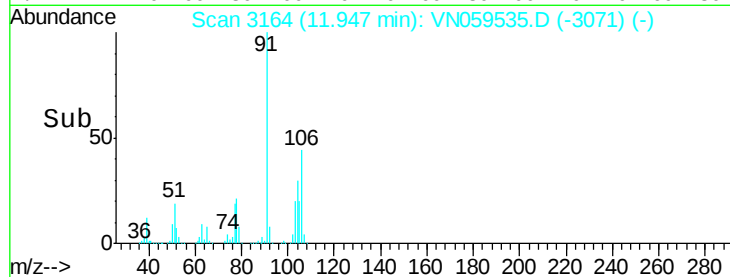
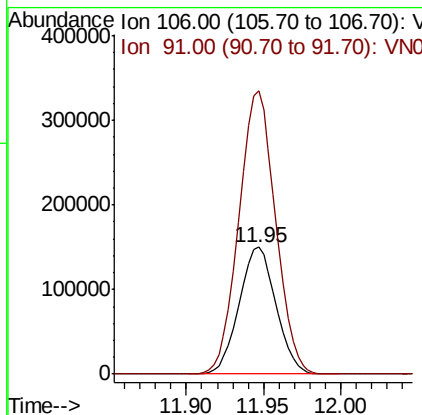
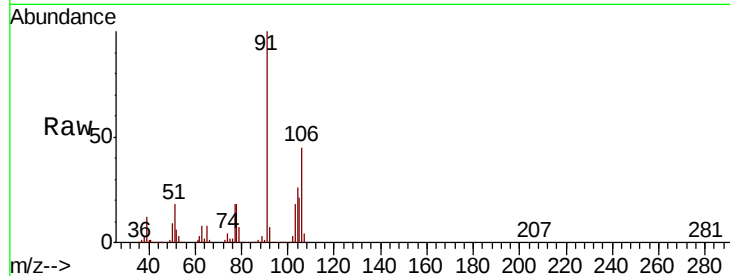
#69
o-Xylene
Concen: 47.145 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	221.3	106.7	319.9	

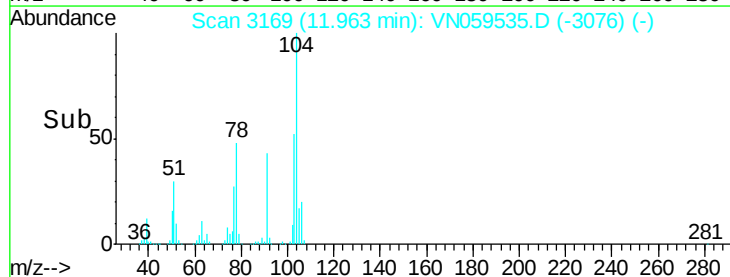
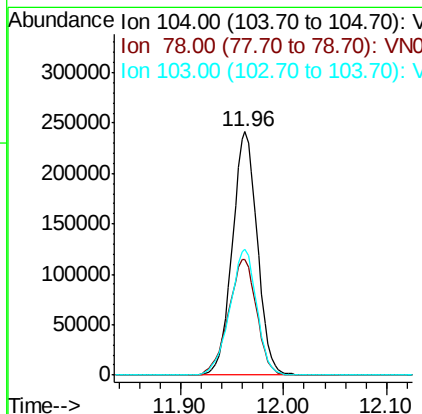
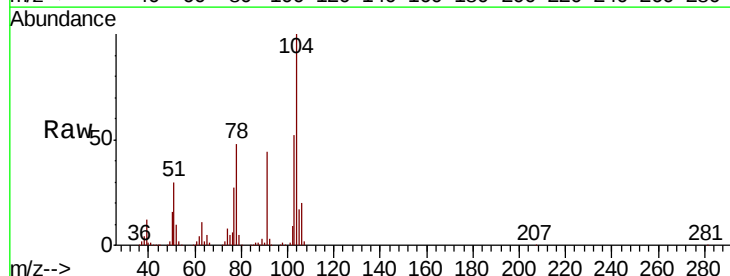
Manual Integrations
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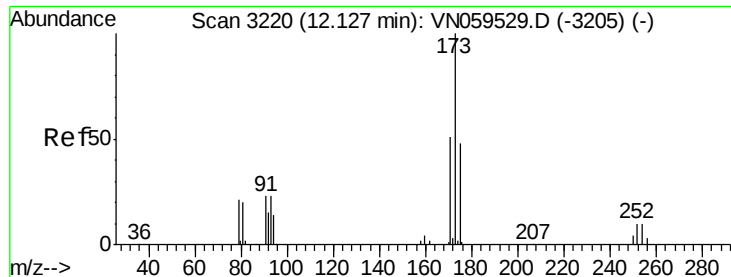
apatel
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#70
Styrene
Concen: 46.496 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.6	40.6	60.8	
103	55.6	43.9	65.9	





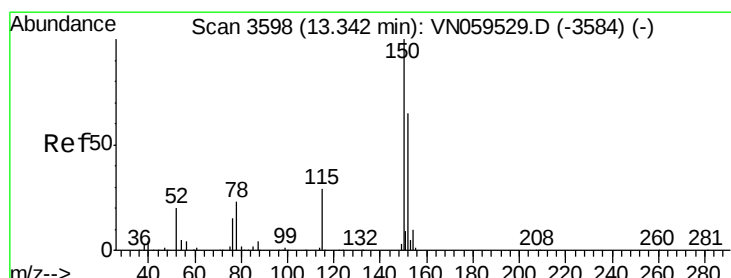
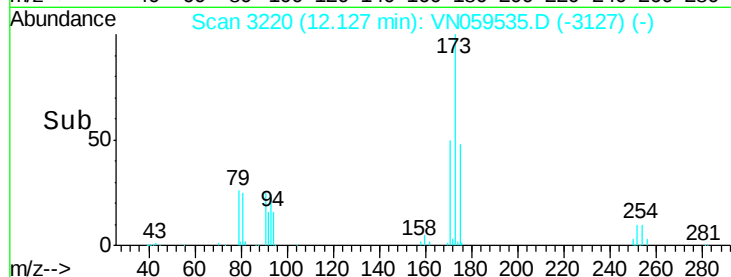
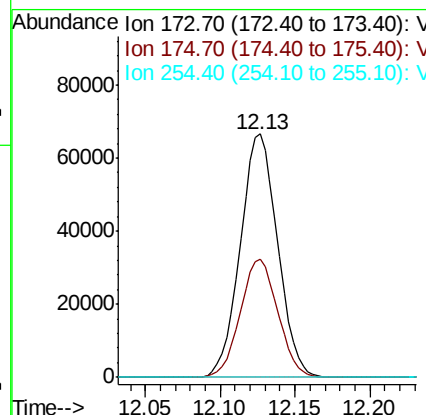
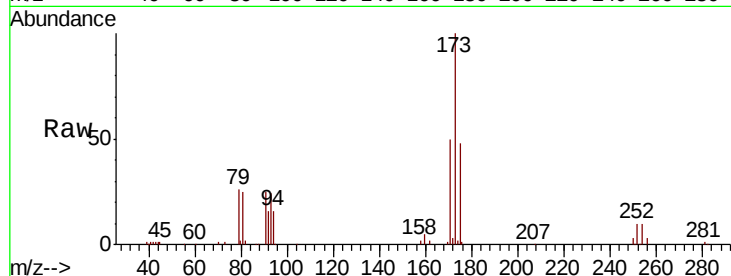
#71
Bromoform
Concen: 46.807 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.0	0.0	0.0

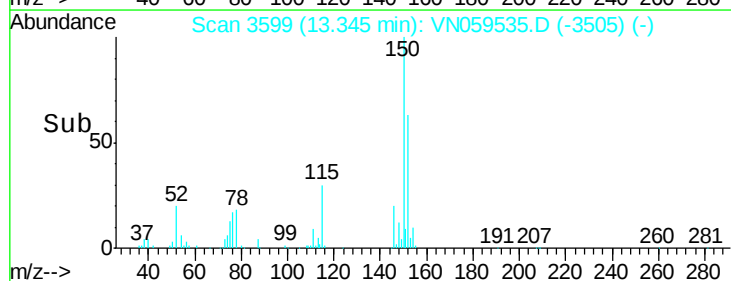
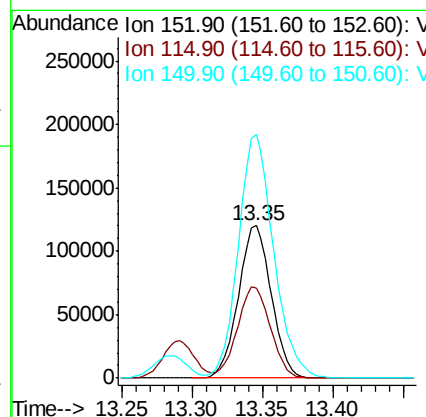
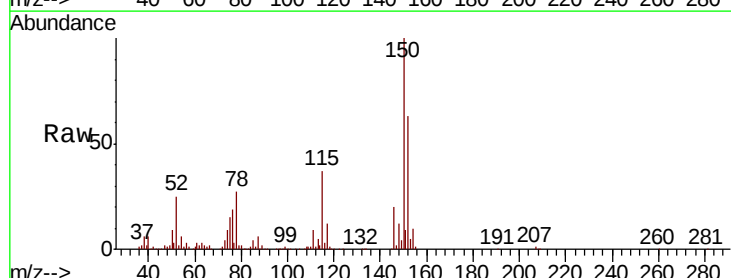
Manual Integrations
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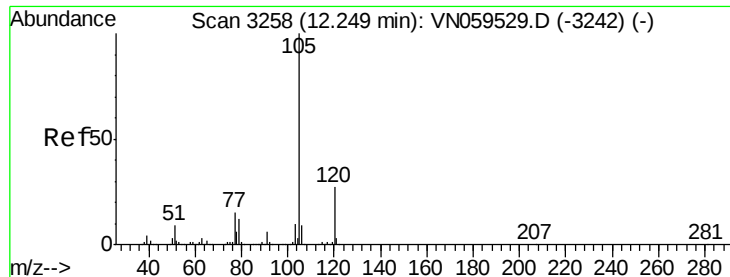
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.4	88.2
150	171.3	0.0	342.4





#73

Isopropylbenzene

Concen: 46.290 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVFN120919

Tot Ion: 105 Resp: 682918

Ion Ratio Lower Upper

105 100

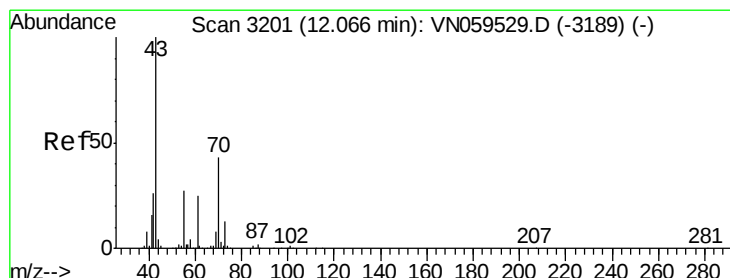
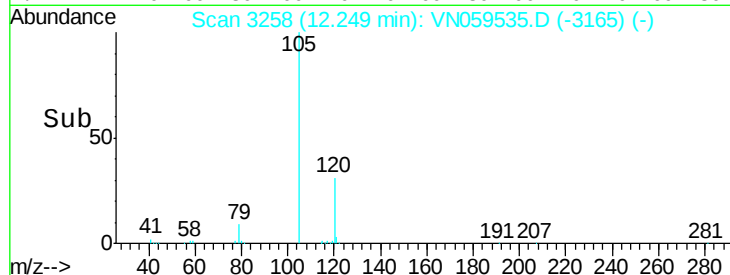
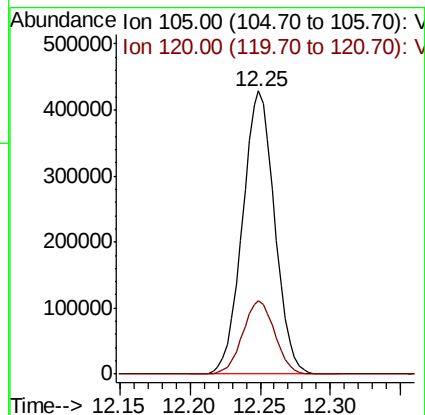
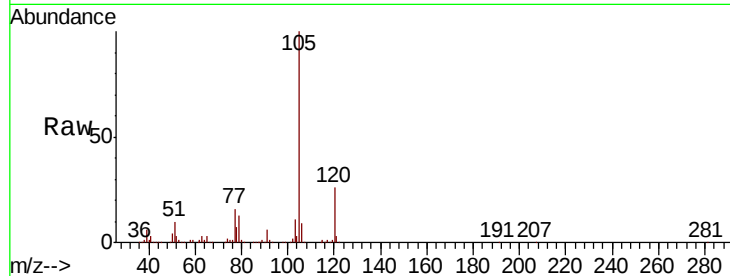
120 26.0 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.635 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion: 43 Resp: 312549

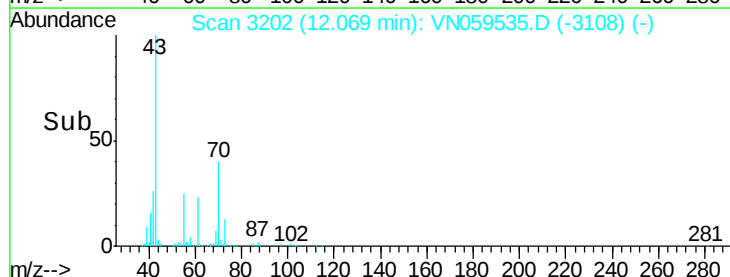
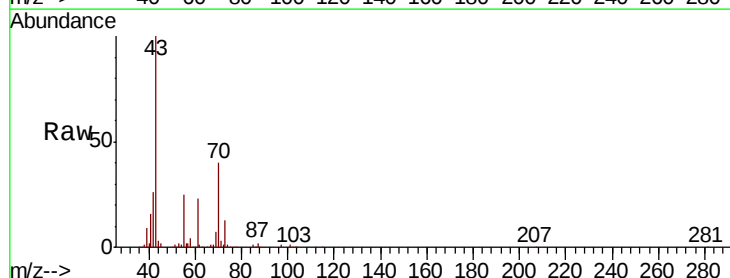
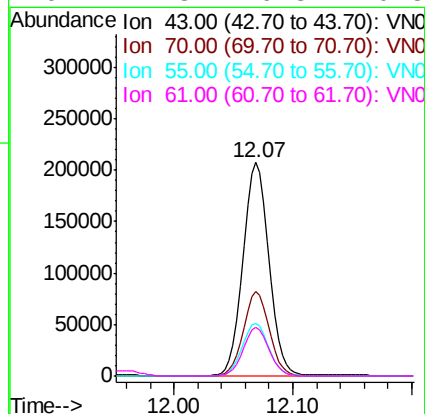
Ion Ratio Lower Upper

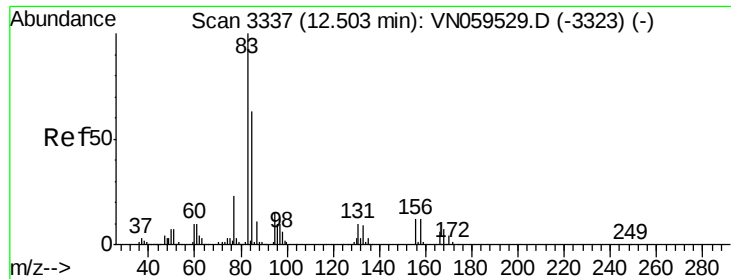
43 100

70 39.6 34.2 51.4

55 25.2 21.3 31.9

61 22.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.870 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVFN120919

Tot Ion: 83 Resp: 219312

Ion Ratio Lower Upper

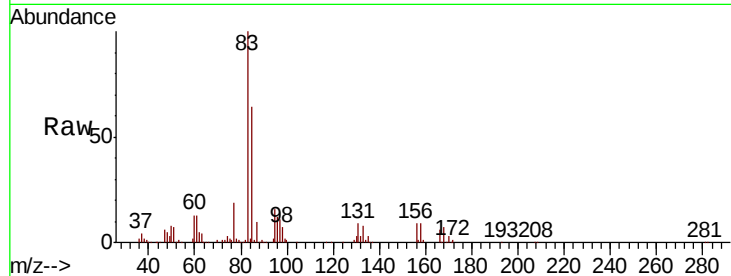
83 100

131 9.9 5.0 14.9

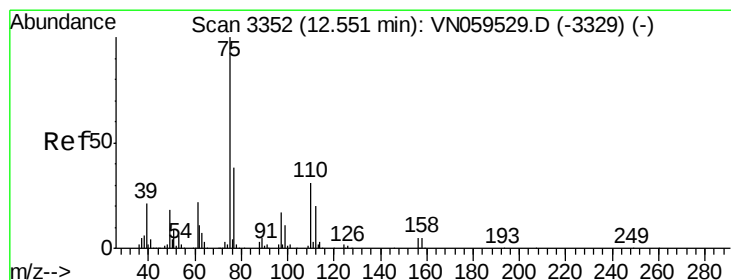
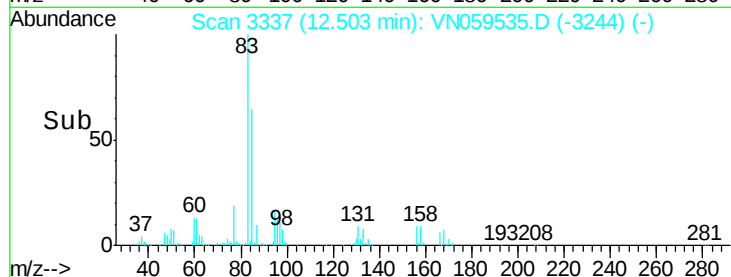
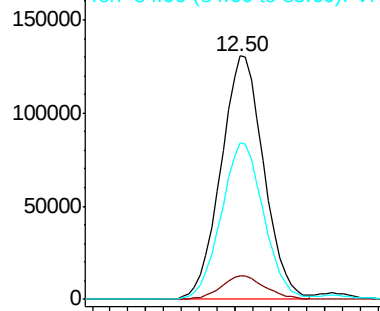
85 63.8 31.6 95.0

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Abundance Ion 82.90 (82.60 to 83.60): VN059535.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 43.555 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059535.D

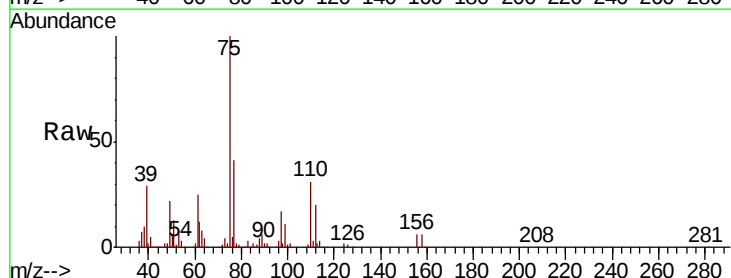
Acq: 9 Dec 2019 18:25

Tgt Ion: 75 Resp: 219066

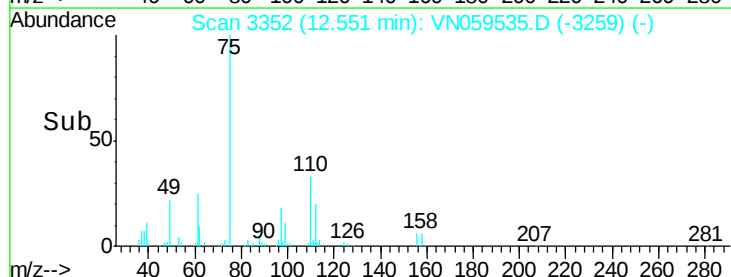
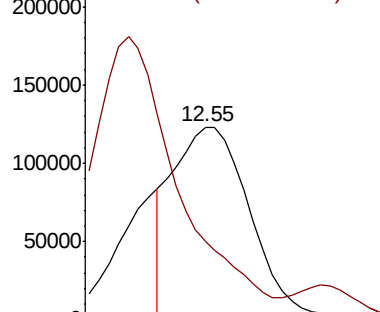
Ion Ratio Lower Upper

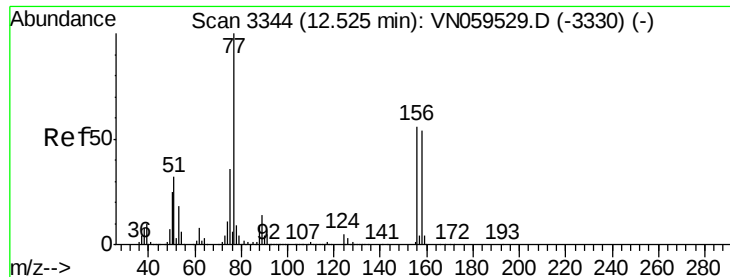
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059535.D (-3352) (-)





#77

Bromobenzene

Concen: 43.729 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

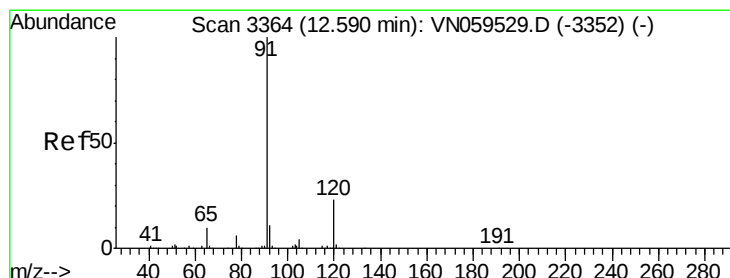
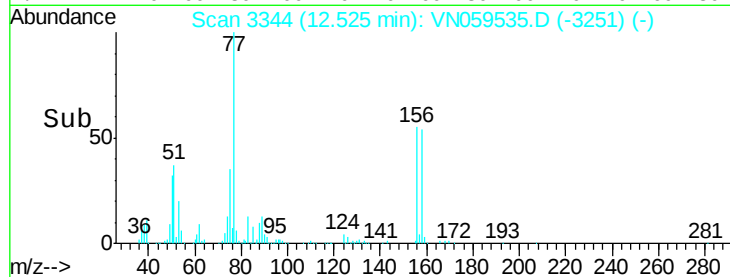
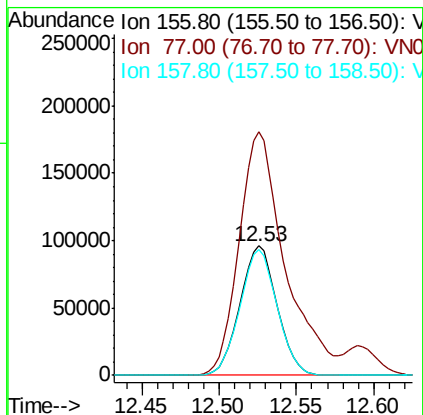
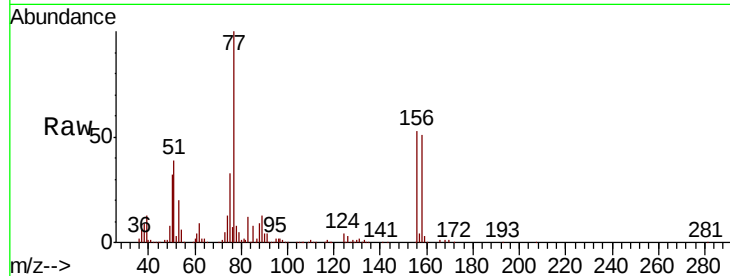
ClientSampleId :

ICVVN120919

Tot Ion:	156	Resp:	160612
Ion Ratio	Lower	Upper	
156	100		
77	232.8	109.3	327.8
158	97.1	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 45.352 ug/l

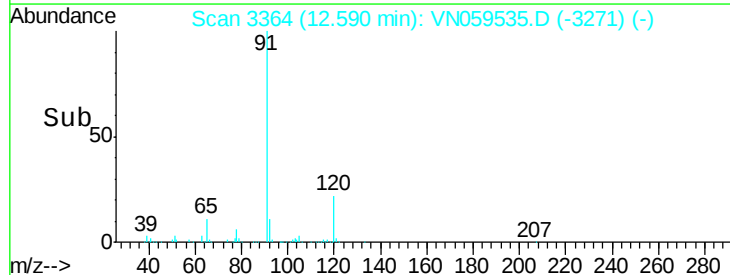
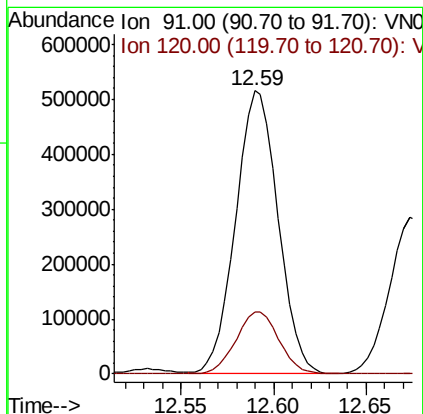
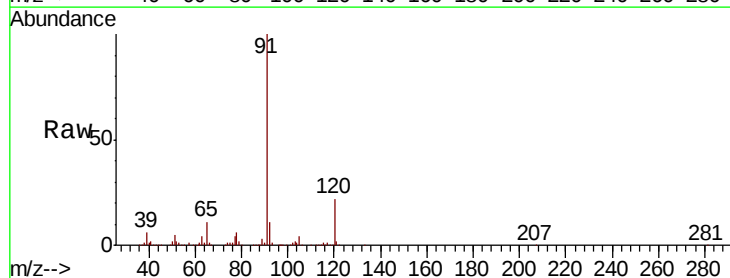
RT: 12.59 min Scan# 3364

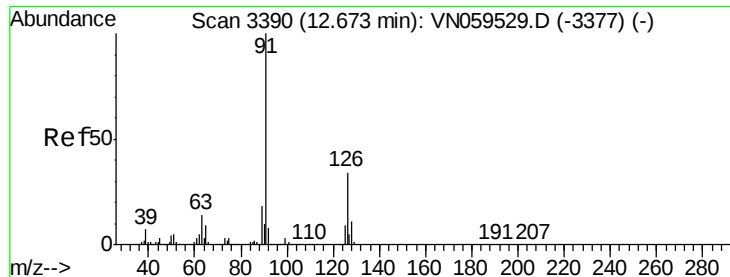
Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	91	Resp:	822198
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 44.033 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion: 91 Resp: 476008

Ion Ratio Lower Upper

91 100

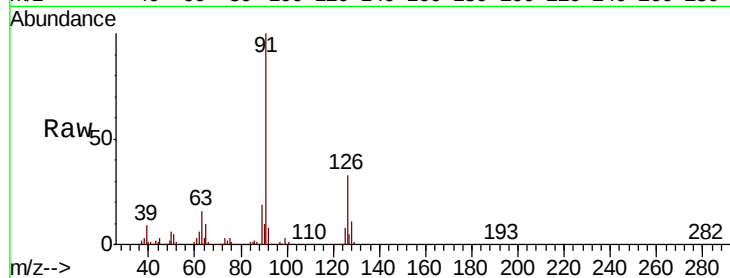
126 32.8 16.9 50.7

Manual Integrations

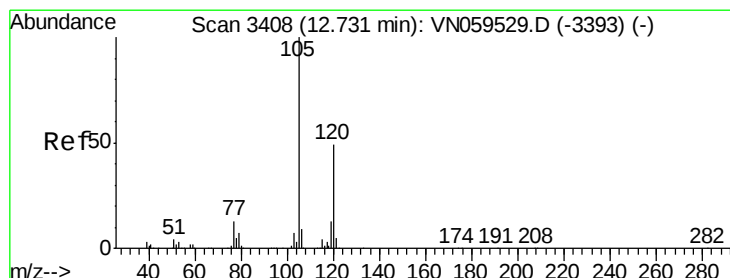
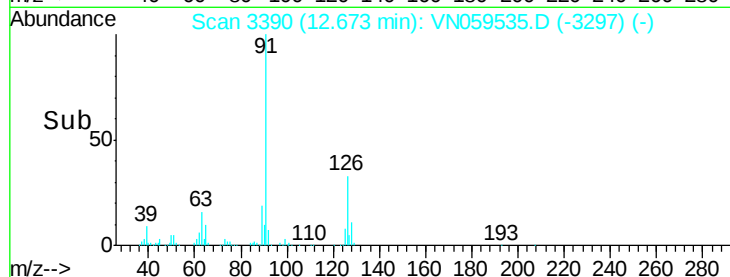
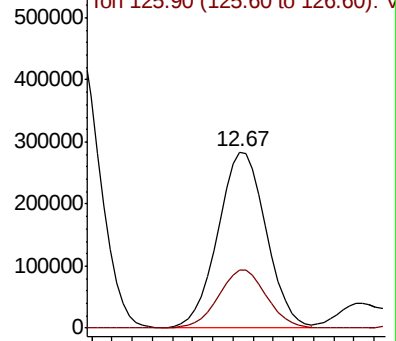
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Abundance Ion 91.00 (90.70 to 91.70): VN059529.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.602 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059535.D

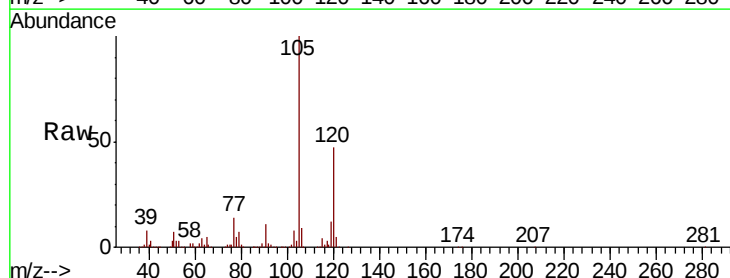
Acq: 9 Dec 2019 18:25

Tgt Ion: 105 Resp: 576921

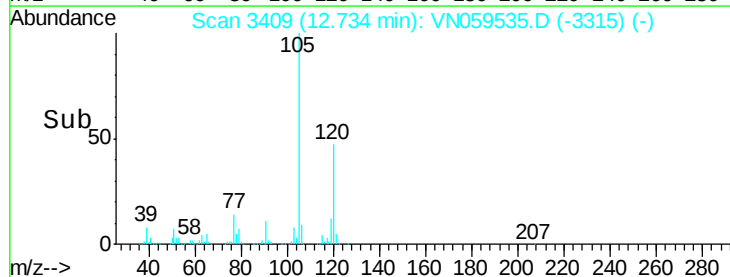
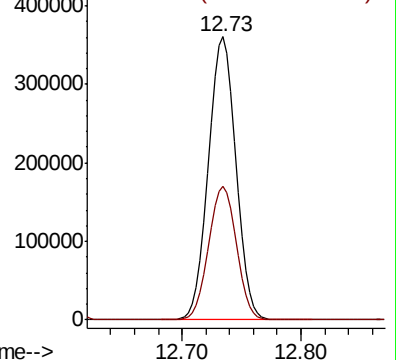
Ion Ratio Lower Upper

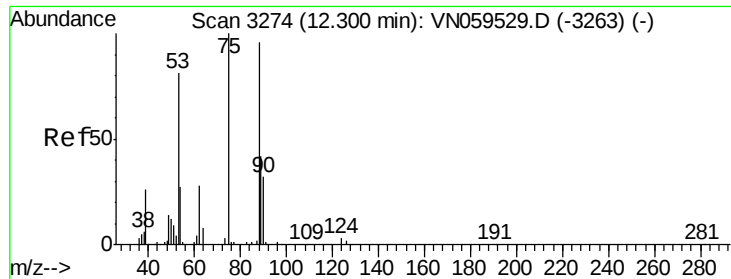
105 100

120 47.8 24.5 73.5



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





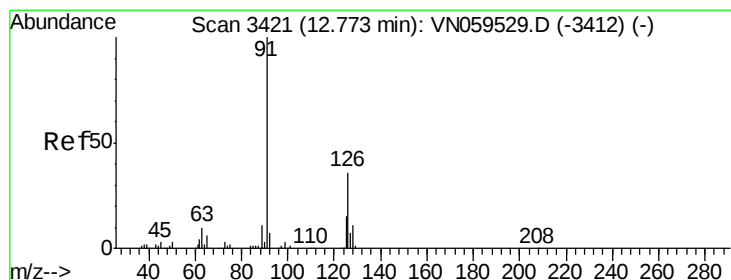
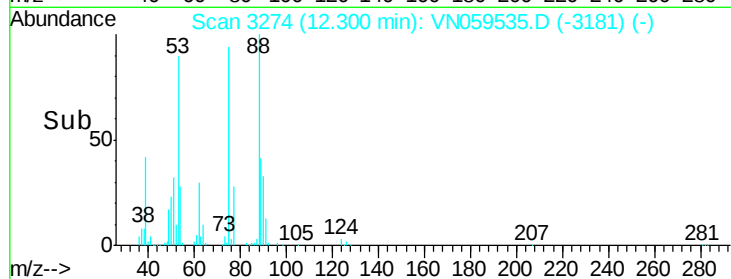
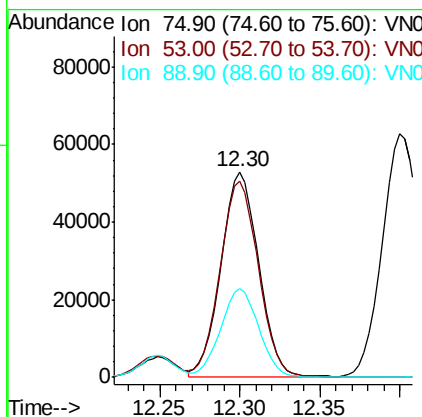
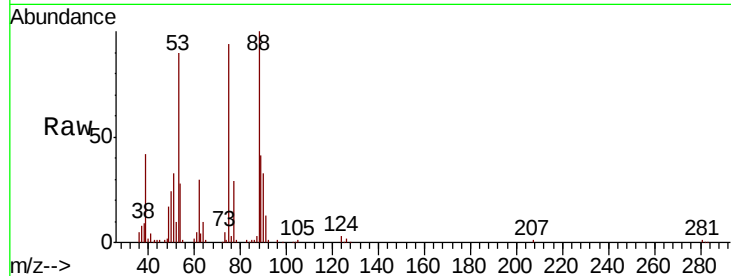
#81
trans-1,4-Dichloro-2-butene
Concen: 45.762 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVFN120919

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	67.0	100.6
89	43.7	35.5	53.3

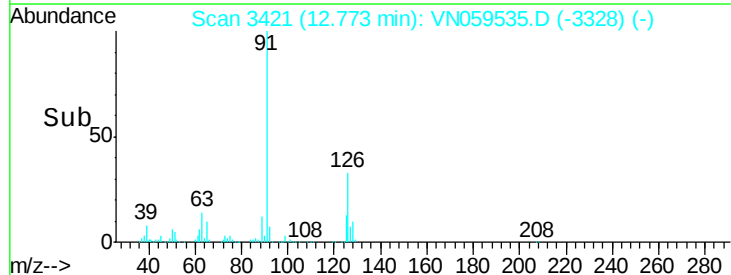
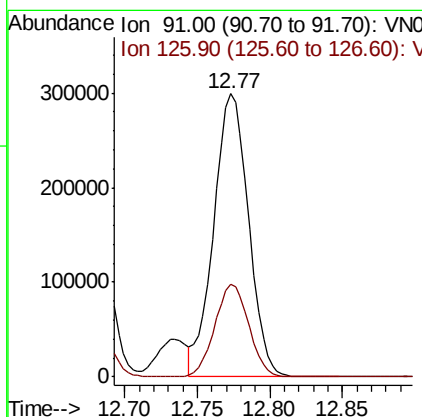
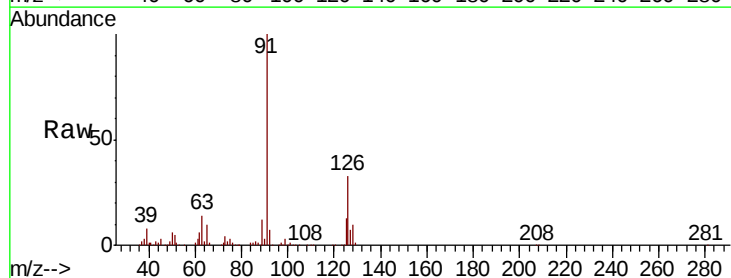
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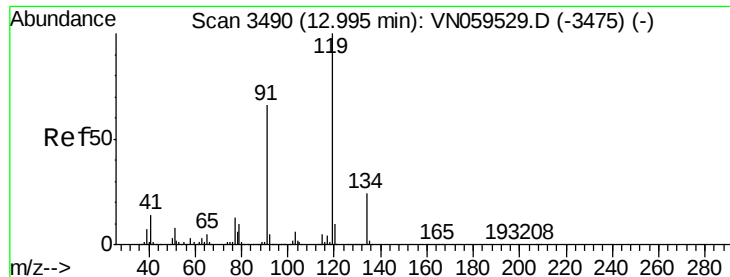
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#82
4-Chlorotoluene
Concen: 45.158 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.4





#83

tert-Butylbenzene

Concen: 46.807 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

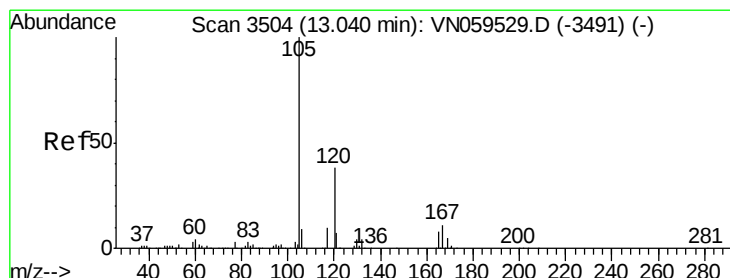
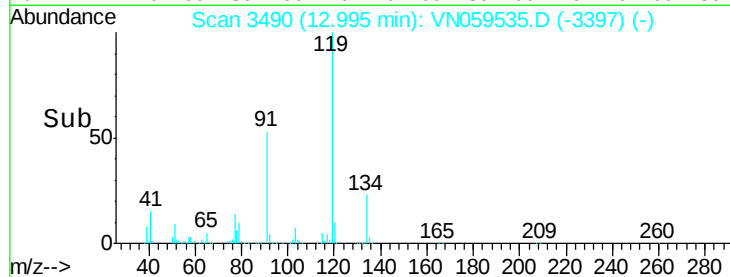
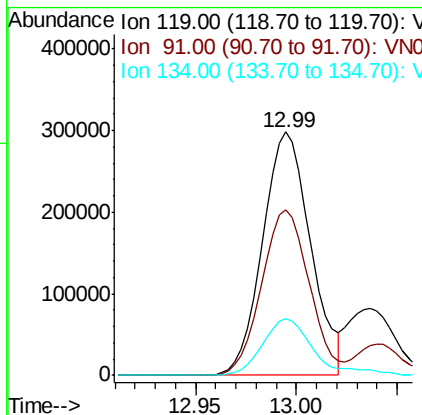
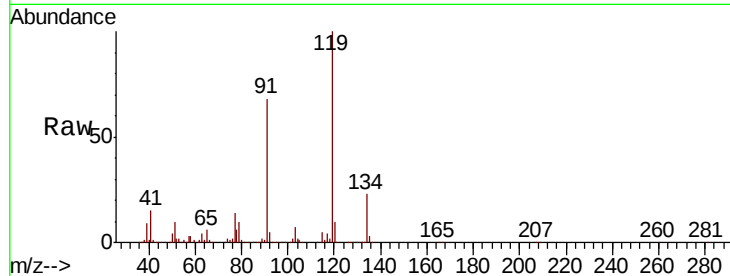
ClientSampleId :

ICVVN120919

Tot Ion:	119	Resp:	493812
Ion Ratio	Lower	Upper	
119	100		
91	67.4	32.8	98.4
134	24.9	12.8	38.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 45.926 ug/l

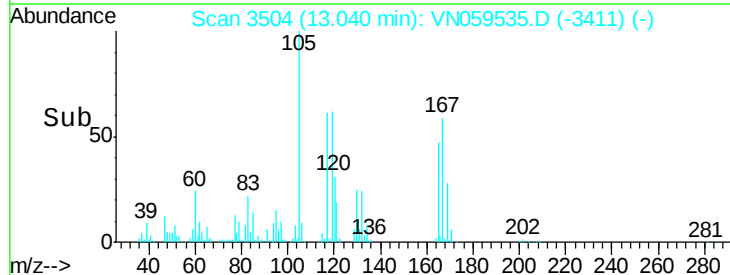
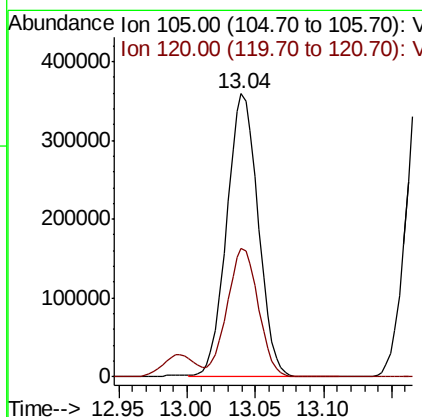
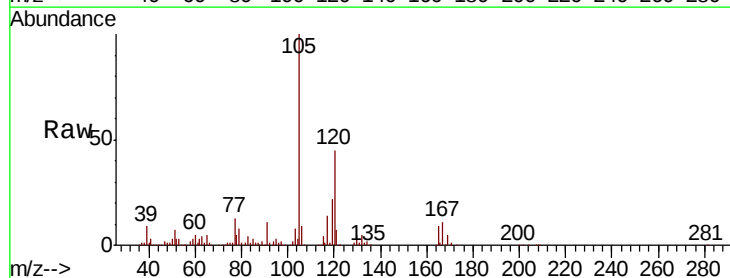
RT: 13.04 min Scan# 3504

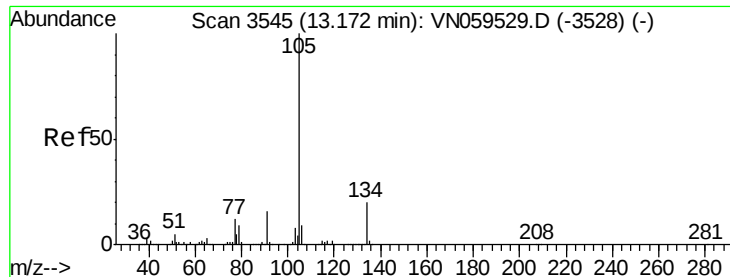
Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	105	Resp:	573702
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.8	68.3





#85

sec-Butylbenzene

Concen: 46.503 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120919

Tot Ion:105 Resp: 673855

Ion Ratio Lower Upper

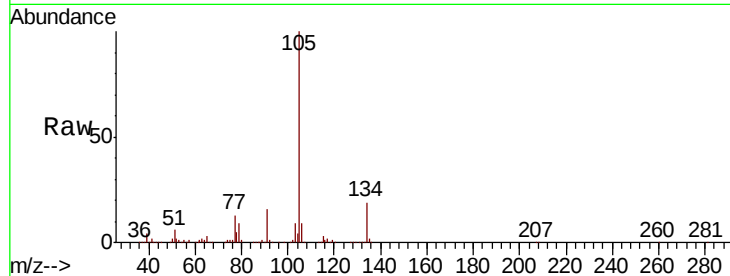
105 100

134 19.5 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

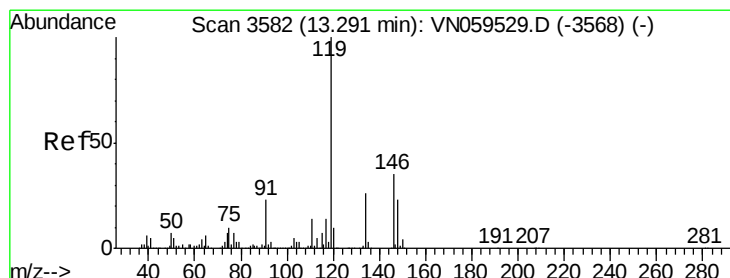
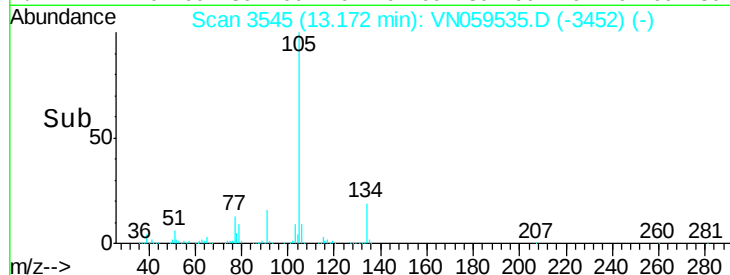
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 46.842 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

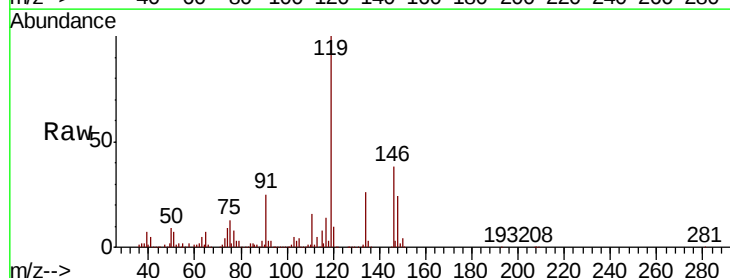
Tgt Ion:119 Resp: 606666

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.9 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

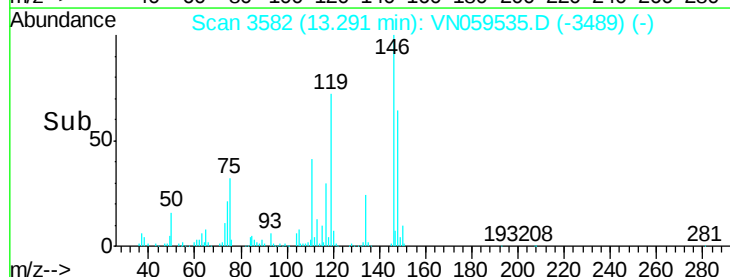
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 43.428 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Instrument :

MSVOA_N

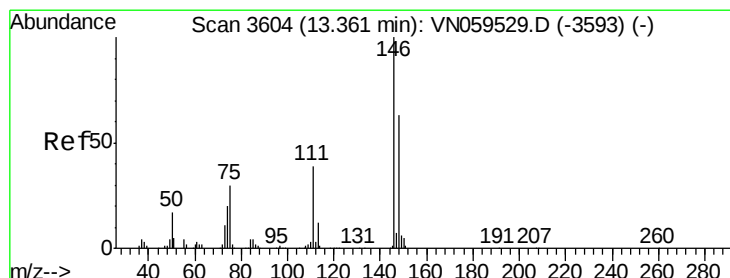
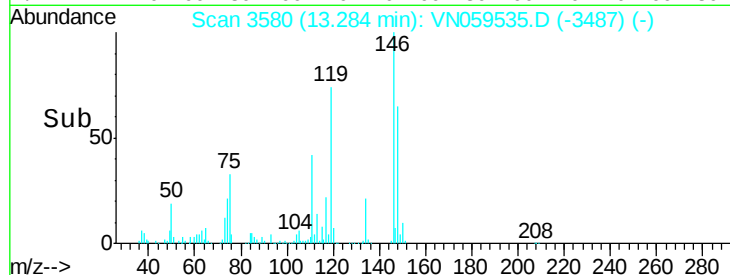
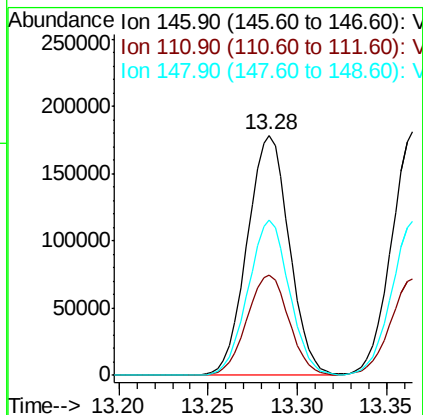
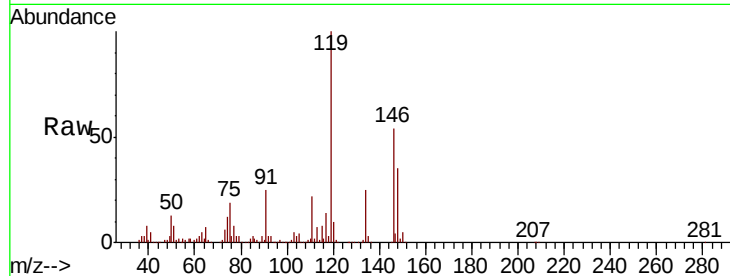
ClientSampleId :

ICVVN120919

Tot Ion:	146	Resp:	293793
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.6	61.8
148	63.8	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 44.616 ug/l

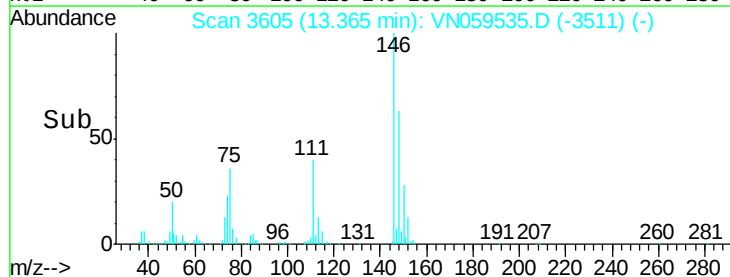
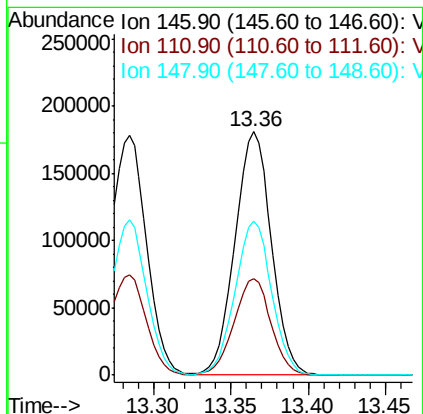
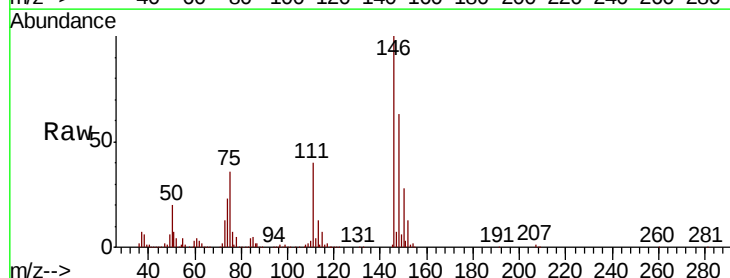
RT: 13.36 min Scan# 3605

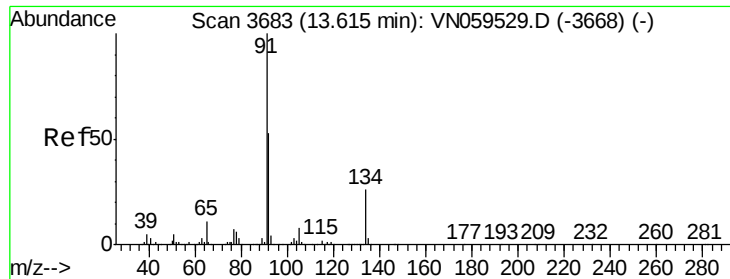
Delta R.T. 0.00 min

Lab File: VN059535.D

Acq: 9 Dec 2019 18:25

Tgt Ion:	146	Resp:	295536
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.0	59.9
148	63.4	31.9	95.7





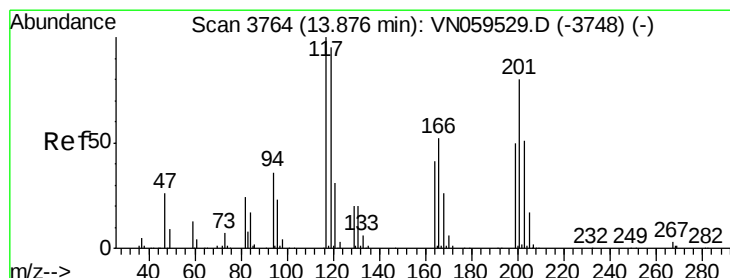
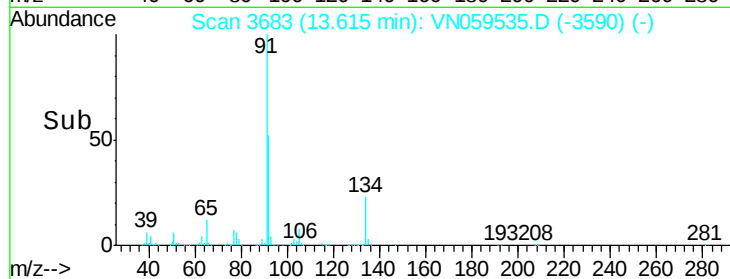
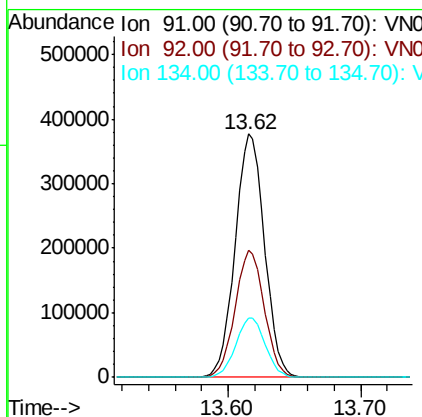
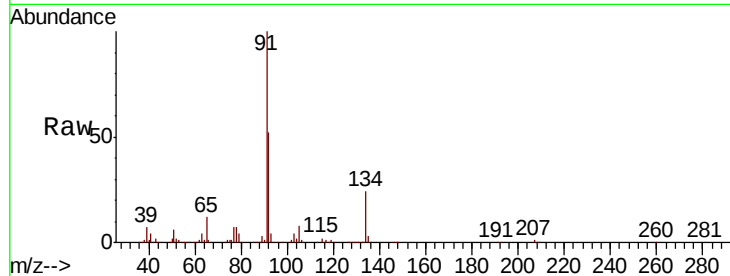
#89
n-Butylbenzene
Concen: 47.596 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	24.5	12.8	38.4

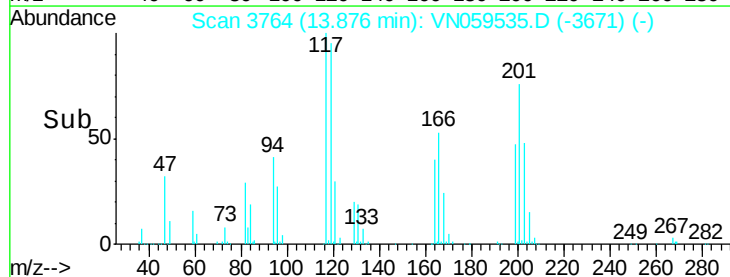
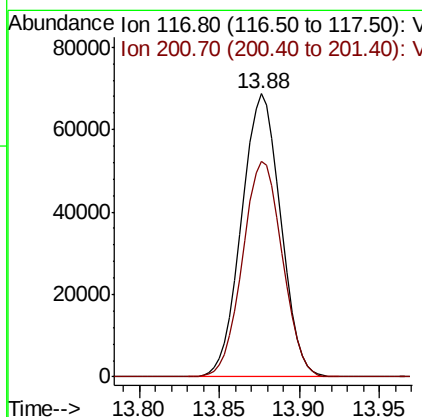
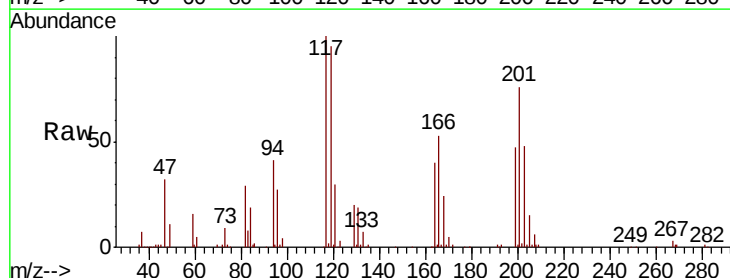
Manual Integrations
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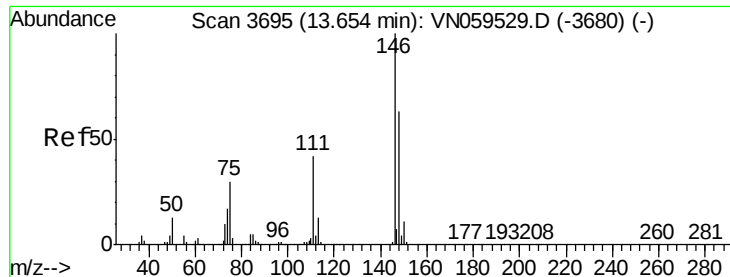
apatel
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#90
Hexachloroethane
Concen: 48.164 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.5	40.5	121.5





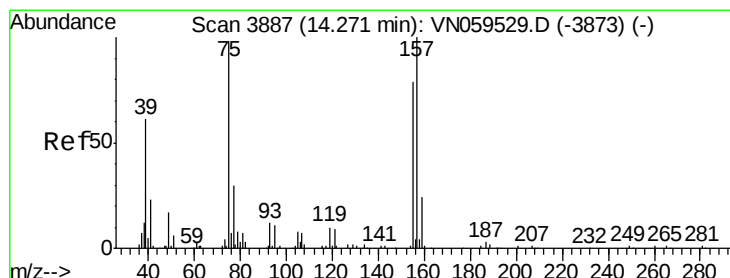
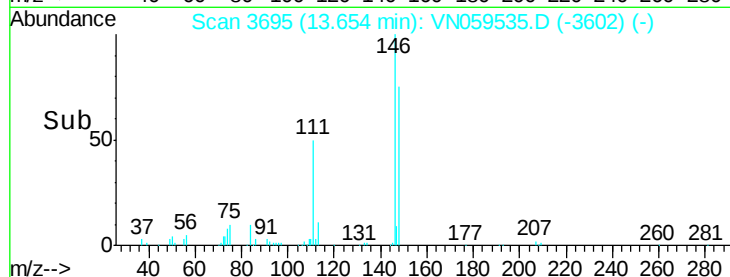
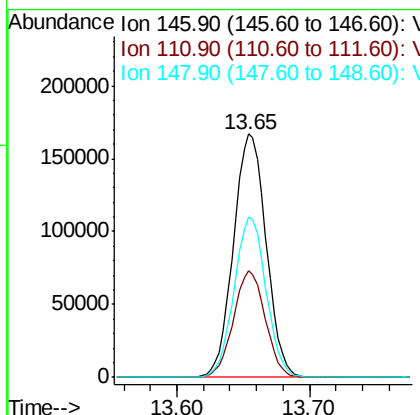
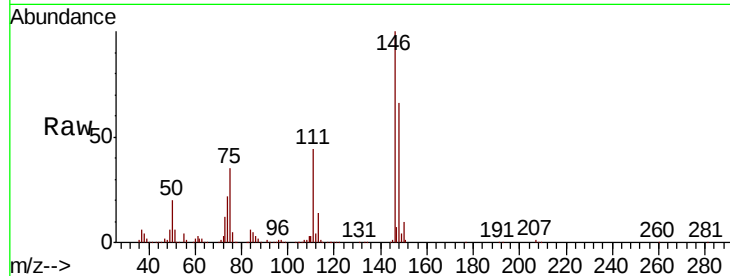
#91
 1,2-Dichlorobenzene
 Concen: 45.013 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120919

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.9	62.7
148	64.4	31.6	94.8

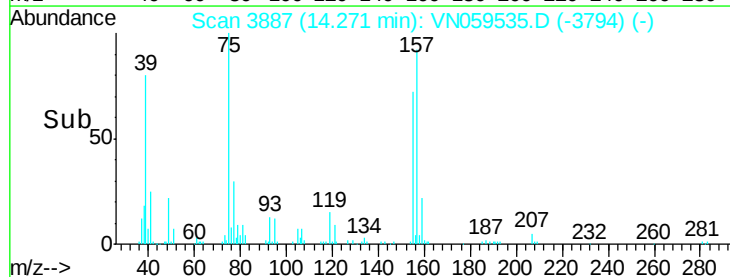
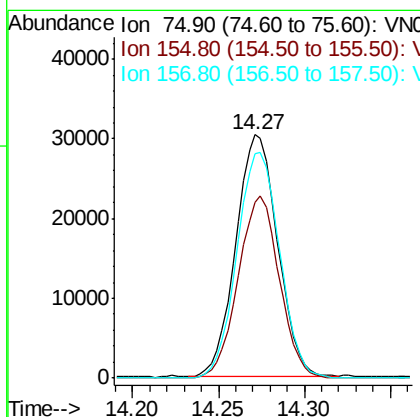
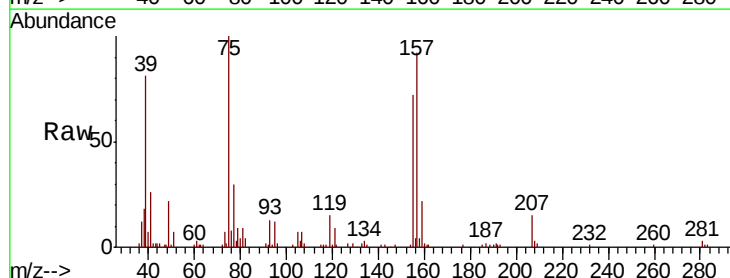
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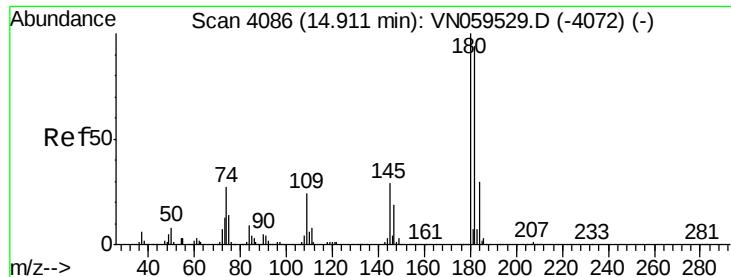
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.116 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059535.D
 Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	40.4	121.1
157	94.7	51.1	153.3





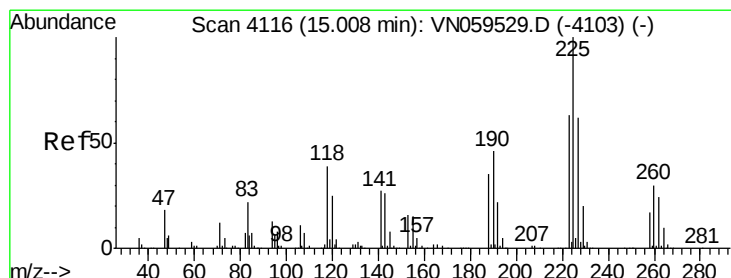
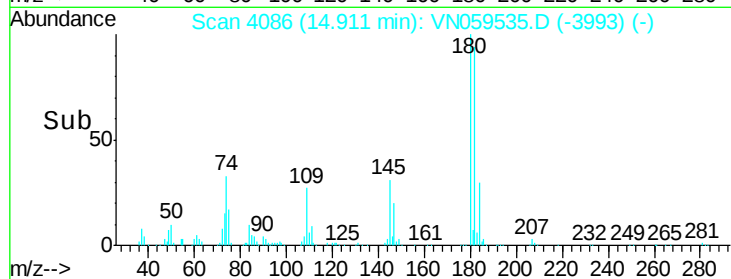
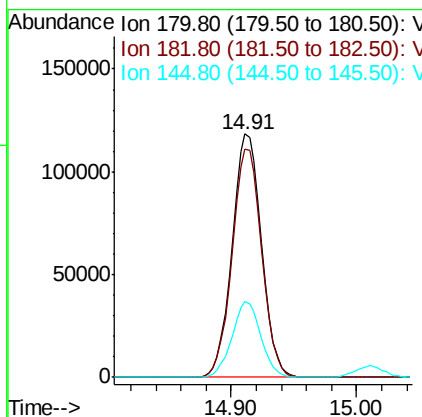
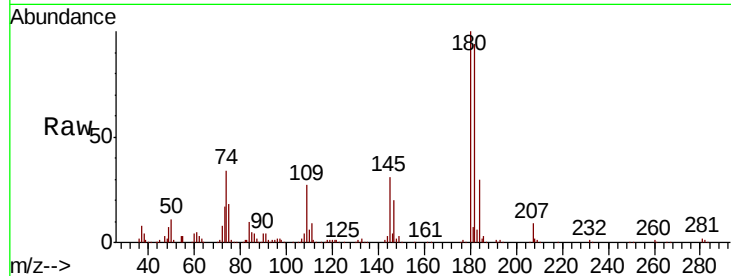
#93
1,2,4-Trichlorobenzene
Concen: 43.641 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191627		
182	94.4	47.3	142.0	
145	30.6	14.9	44.7	

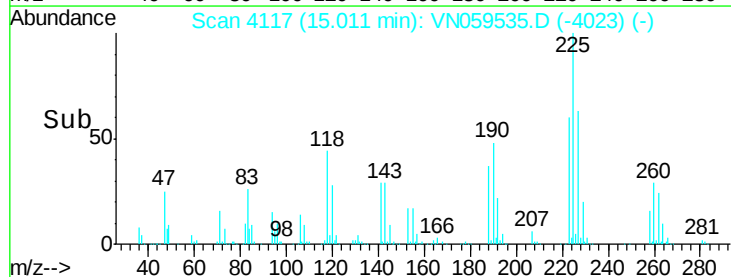
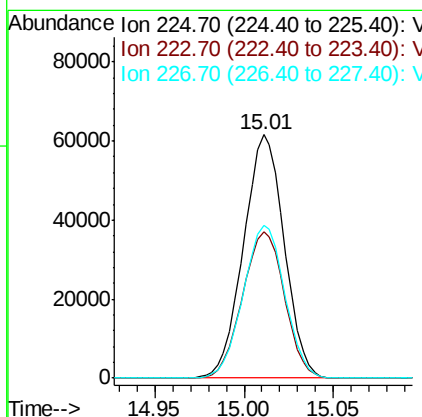
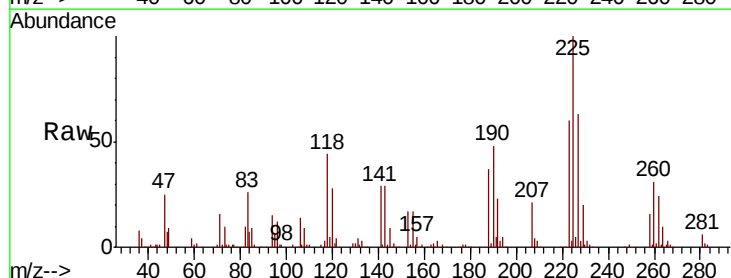
Manual Integrations
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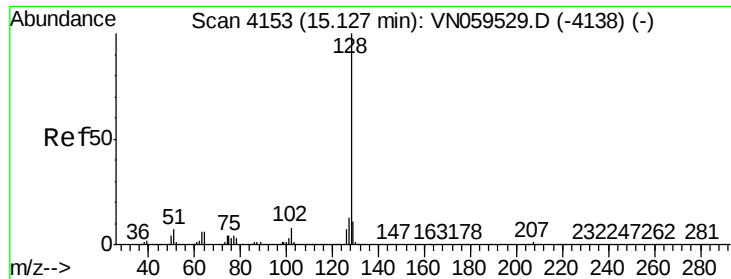
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#94
Hexachlorobutadiene
Concen: 43.704 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98041		
223	61.9	31.3	93.9	
227	64.2	31.6	95.0	





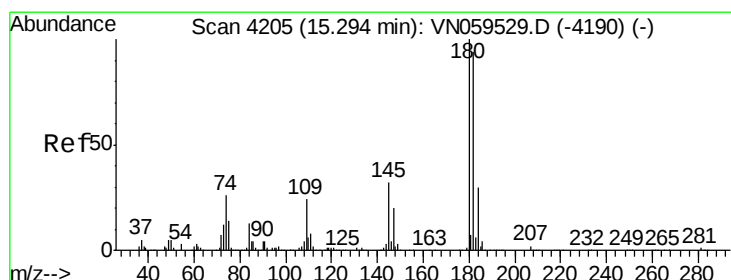
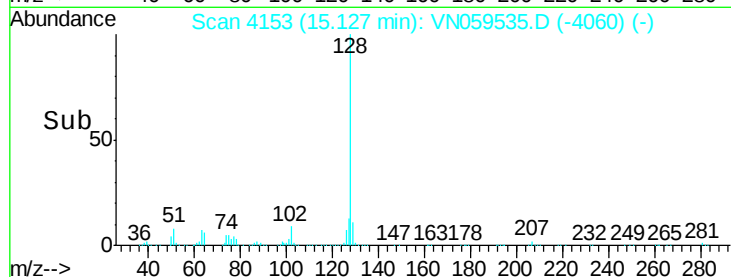
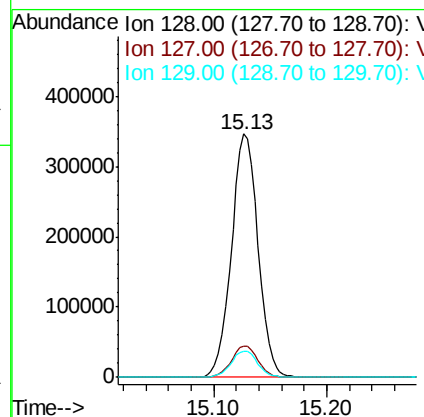
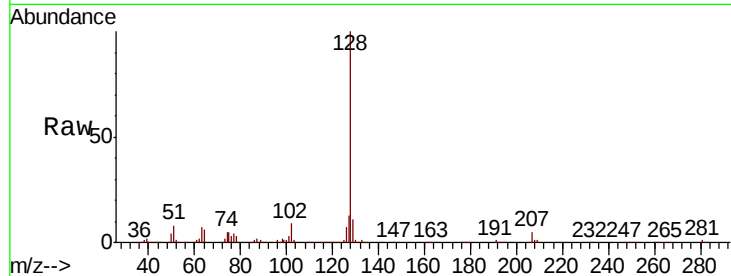
#95
Naphthalene
Concen: 44.127 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120919

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 44.215 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059535.D
Acq: 9 Dec 2019 18:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.1	141.4
145	32.2	15.8	47.4

