

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059540.D
 Acq On : 10 Dec 2019 12:36
 Operator : JC/SP
 Sample : VN1210MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Manual Integrations
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 12/11/2019 2:15:51 PM

Quant Time: Dec 11 06:36:59 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	259025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	523837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	387439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	192787	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	7.57	113	129970	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
50) Toluene-d8	10.08	98	542445	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	12.40	95	183933	38.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60508	20.253	ug/l	98
3) Chloromethane	2.04	50	94915	20.987	ug/l	99
4) Vinyl Chloride	2.17	62	91825	20.599	ug/l	99
5) Bromomethane	2.55	94	56909	20.960	ug/l	98
6) Chloroethane	2.68	64	54939	20.639	ug/l	98
7) Trichlorofluoromethane	3.00	101	110272	20.694	ug/l	100
8) Diethyl Ether	3.39	74	35539	19.461	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56066	20.217	ug/l	99
10) Methyl Iodide	3.93	142	75305	20.054	ug/l	100
11) Tert butyl alcohol	4.75	59	65229	108.912	ug/l	97
12) 1,1-Dichloroethene	3.71	96	53576	19.873	ug/l	95
13) Acrolein	3.58	56	39734	136.333	ug/l	98
14) Allyl chloride	4.30	41	98472	18.987	ug/l	91
15) Acrylonitrile	4.95	53	168207	106.487	ug/l	100
16) Acetone	3.79	43	163198	96.502	ug/l	100
17) Carbon Disulfide	4.03	76	178402	20.561	ug/l	99
18) Methyl Acetate	4.30	43	91201	20.540	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	194620	21.717	ug/l	99
20) Methylene Chloride	4.52	84	66155	21.552	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	61436	21.232	ug/l	97
22) Diisopropyl ether	5.92	45	212513	21.525	ug/l	97
23) Vinyl Acetate	5.86	43	909692	110.458	ug/l	100
24) 1,1-Dichloroethane	5.82	63	122344	21.826	ug/l	99
25) 2-Butanone	6.81	43	239100	105.037	ug/l	99
26) 2,2-Dichloropropane	6.80	77	108671	21.459	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	68604	21.079	ug/l	98
28) Bromochloromethane	7.17	49	42069	21.542	ug/l	99
29) Tetrahydrofuran	7.19	42	161076	101.729	ug/l	99
30) Chloroform	7.35	83	117924	21.316	ug/l	97
31) Cyclohexane	7.63	56	111375	20.417	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	105652	21.527	ug/l	99
36) 1,1-Dichloropropene	7.77	75	90370	16.815	ug/l	100
37) Ethyl Acetate	6.90	43	99122	16.867	ug/l	99
38) Carbon Tetrachloride	7.75	117	93108	17.576	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	129433	21.470	ug/l	98
40) Benzene	8.02	78	317478	20.678	ug/l	99
41) Methacrylonitrile	7.16	41	48632m	18.620	ug/l	
42) 1,2-Dichloroethane	8.10	62	111888	19.560	ug/l	97
43) Isopropyl Acetate	8.14	43	182662	19.689	ug/l	96
44) Trichloroethene	8.82	130	84168	21.700	ug/l	99
45) 1,2-Dichloropropane	9.10	63	90146	22.164	ug/l	98
46) Dibromomethane	9.19	93	54418	20.245	ug/l	96
47) Bromodichloromethane	9.39	83	110452	20.676	ug/l	98
48) Methyl methacrylate	9.19	41	82069	20.232	ug/l	90
49) 1,4-Dioxane	9.18	88	26794	516.257	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	566061	95.529	ug/l	100
52) Toluene	10.15	92	161864	17.694	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	107228	17.228	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	136949	21.498	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	64193	17.351	ug/l	99
56) Ethyl methacrylate	10.42	69	94132	16.268	ug/l	98
57) 1,3-Dichloropropane	10.70	76	109901	17.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	182237	120.238	ug/l	99
59) 2-Hexanone	10.75	43	361692	81.837	ug/l	99
60) Dibromochloromethane	10.90	129	68300	16.192	ug/l	98
61) 1,2-Dibromoethane	11.00	107	66264	17.205	ug/l	98
64) Tetrachloroethene	10.63	164	59999	21.189	ug/l	99
65) Chlorobenzene	11.43	112	169881	20.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	63959	21.124	ug/l	98
67) Ethyl Benzene	11.51	91	311543	21.326	ug/l	98
68) m/p-Xylenes	11.62	106	228387	41.676	ug/l	96
69) o-Xylene	11.95	106	108983	21.367	ug/l	96
70) Styrene	11.96	104	174386	20.637	ug/l	98
71) Bromoform	12.13	173	48832	20.497	ug/l #	100
73) Isopropylbenzene	12.25	105	295716	21.079	ug/l	100
74) N-amyl acetate	12.07	43	132660	21.708	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	95779	20.148	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	98282m	20.549	ug/l	
77) Bromobenzene	12.53	156	72575	20.779	ug/l	96
78) n-propylbenzene	12.59	91	355681	20.632	ug/l	99
79) 2-Chlorotoluene	12.67	91	209587	20.388	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	252783	21.012	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	34857	19.608	ug/l	89
82) 4-Chlorotoluene	12.77	91	219351	20.868	ug/l	99
83) tert-Butylbenzene	12.99	119	213394	21.271	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	255001	21.467	ug/l	98
85) sec-Butylbenzene	13.17	105	310562	22.538	ug/l	99
86) p-Isopropyltoluene	13.29	119	264307	21.461	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	130542	20.292	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132806	21.084	ug/l	99
89) n-Butylbenzene	13.62	91	244339	21.129	ug/l	98
90) Hexachloroethane	13.88	117	49646	21.950	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	128379	21.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22760	22.091	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	80233	19.215	ug/l	99
94) Hexachlorobutadiene	15.01	225	47098	22.079	ug/l	100
95) Naphthalene	15.13	128	256147	20.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	78526	20.787	ug/l	99

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

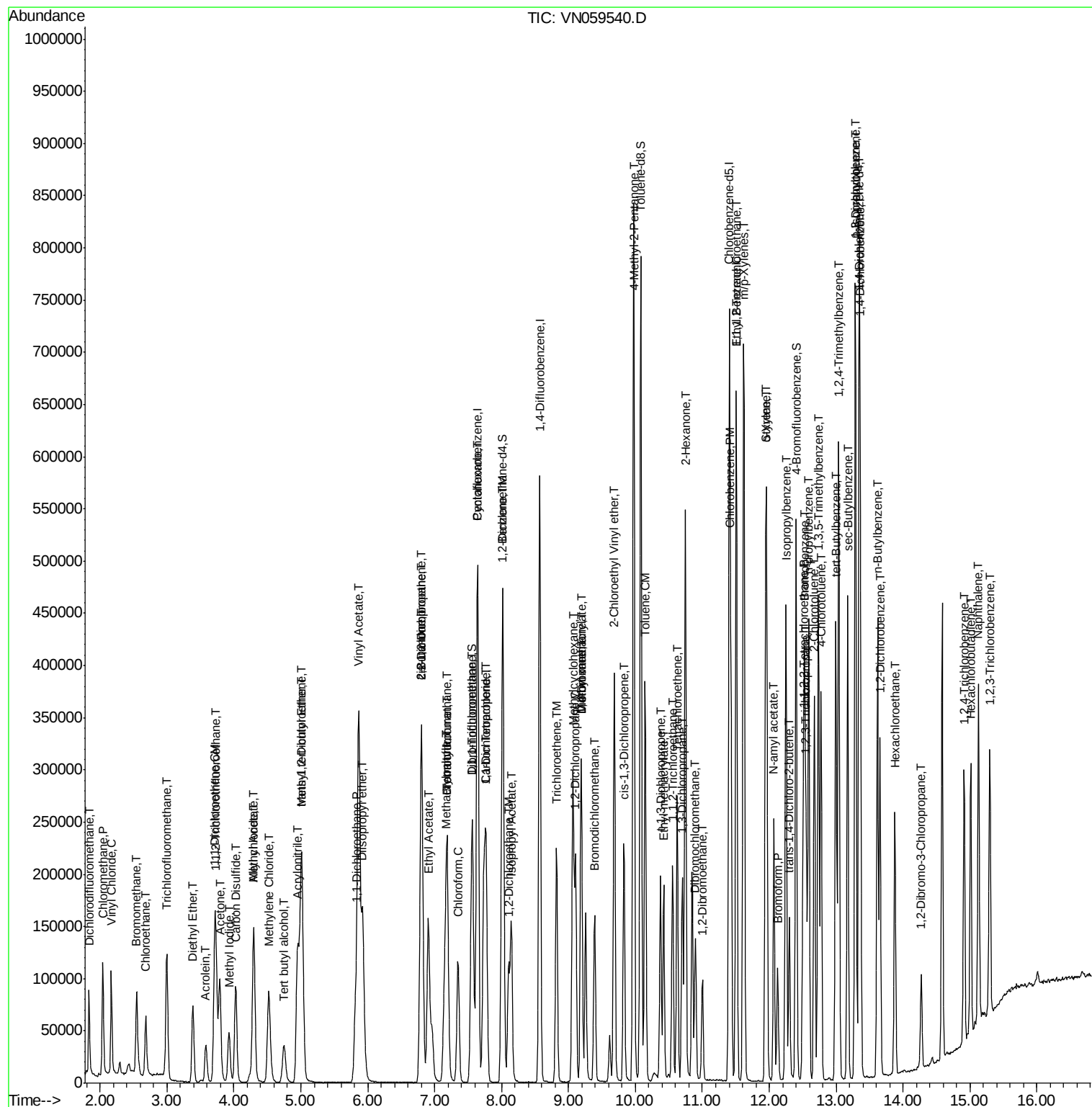
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 Data File : VN059540.D
 Acq On : 10 Dec 2019 12:36
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 Sample : VN1210MBS01
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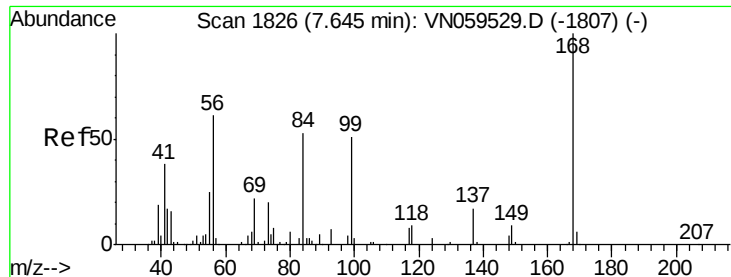
Instrument :
 MSVOA_N
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion:168 Resp: 259025

Ion Ratio Lower Upper

168 100

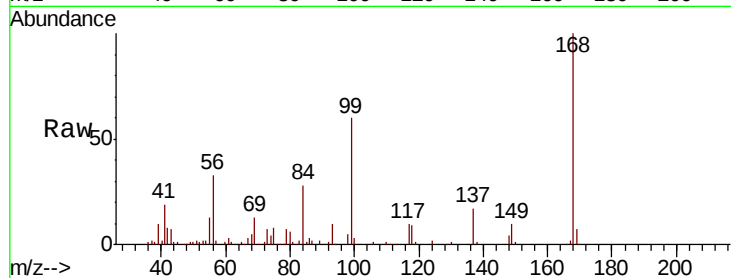
99 60.0 46.6 70.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

120000

100000

80000

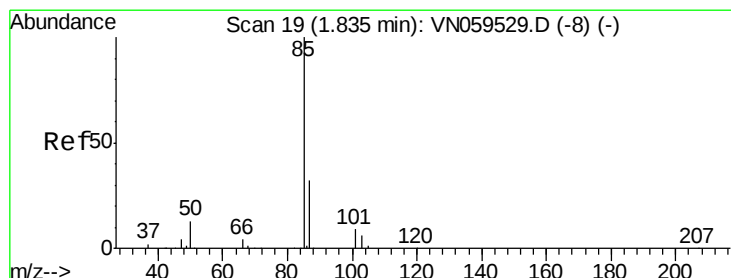
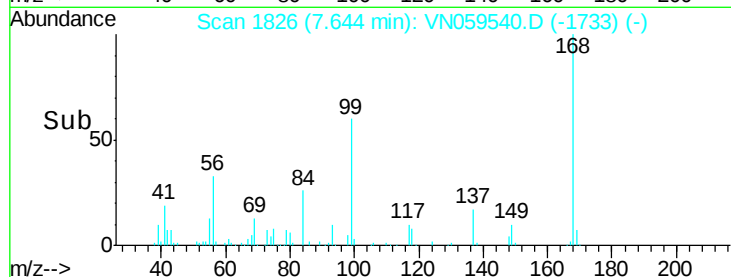
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.253 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059540.D

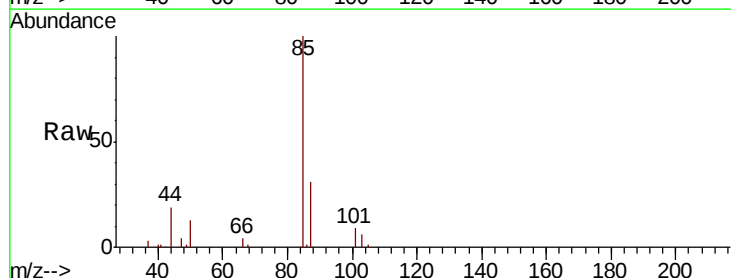
Acq: 10 Dec 2019 12:36

Tgt Ion: 85 Resp: 60508

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

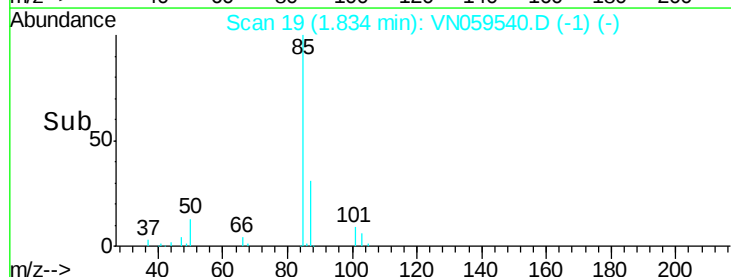
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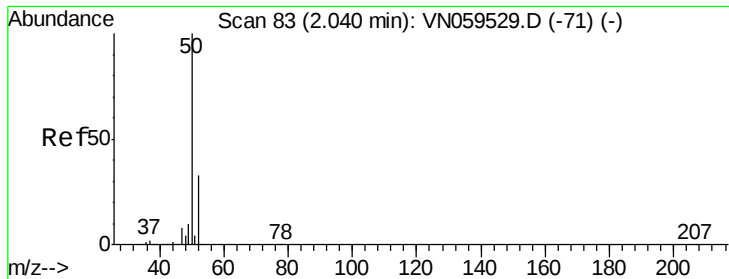
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Time-->





#3

Chloromethane

Concen: 20.987 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 50 Resp: 94915

Ion Ratio Lower Upper

50 100

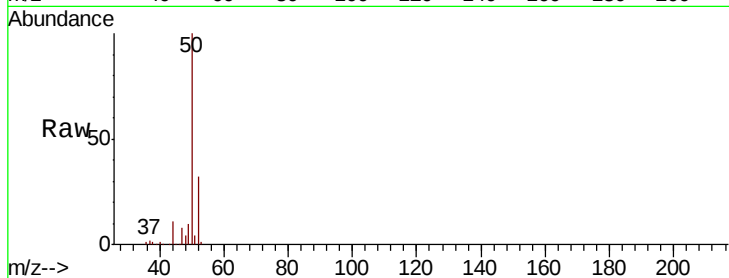
52 32.2 26.2 39.4

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Abundance Ion 49.90 (49.60 to 50.60): VN059540.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN059540.D (-1) (-)

2.04

60000

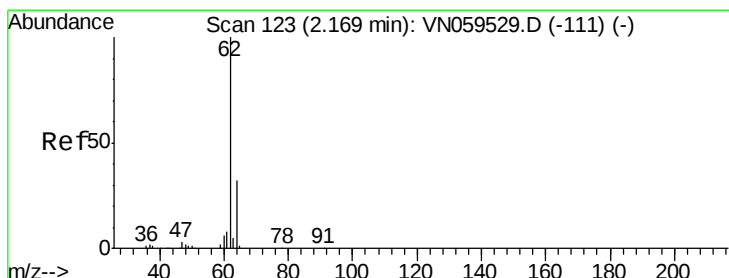
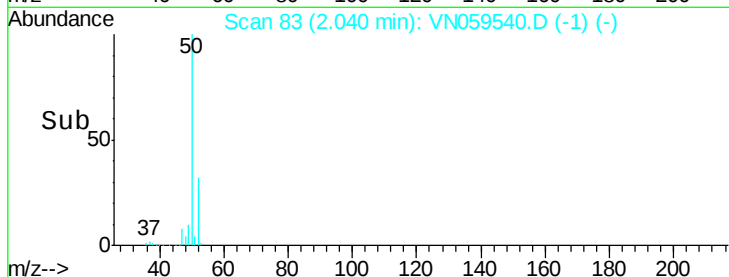
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20000

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Time-->

1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 20.599 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059540.D

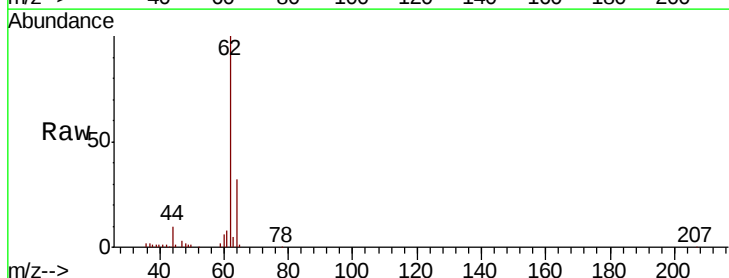
Acq: 10 Dec 2019 12:36

Tgt Ion: 62 Resp: 91825

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN059540.D (-30) (-)

Ion 63.90 (63.60 to 64.60): VN059540.D (-30) (-)

2.17

60000

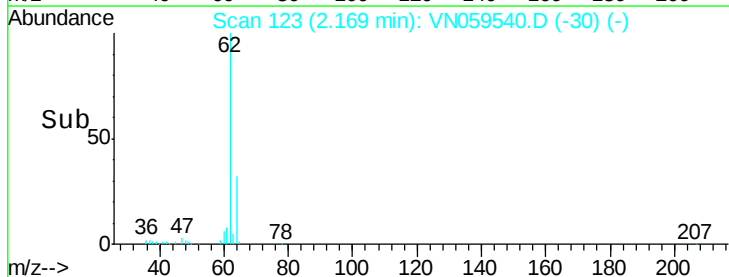
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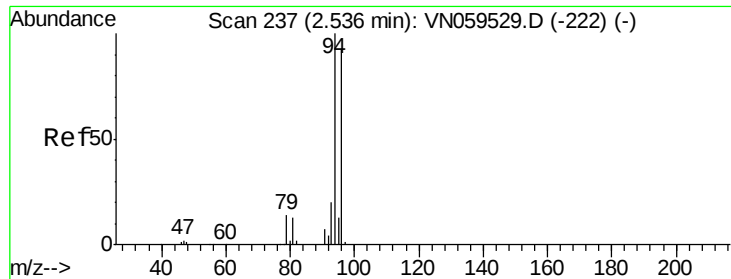
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Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 20.960 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 94 Resp: 56909

Ion Ratio Lower Upper

94 100

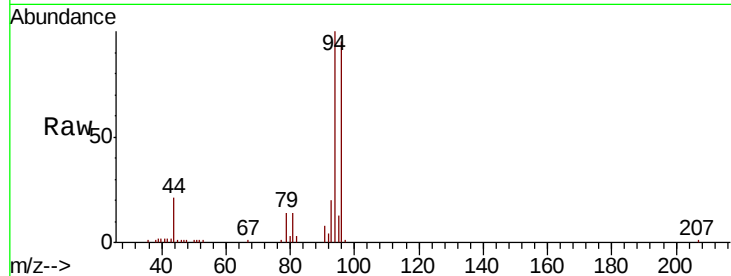
96 95.1 74.6 112.0

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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC

2.55

30000

25000

20000

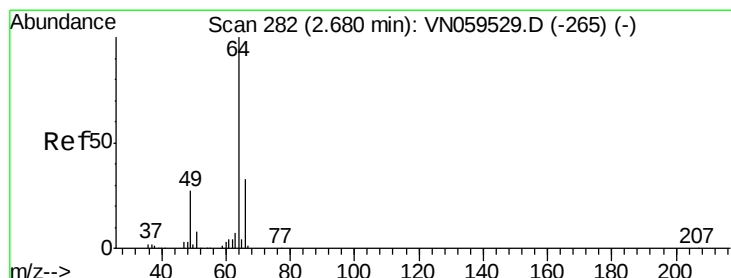
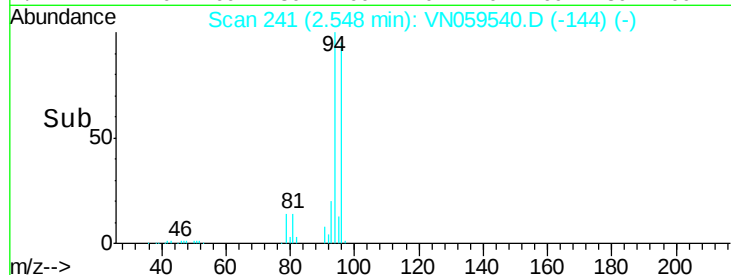
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.639 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059540.D

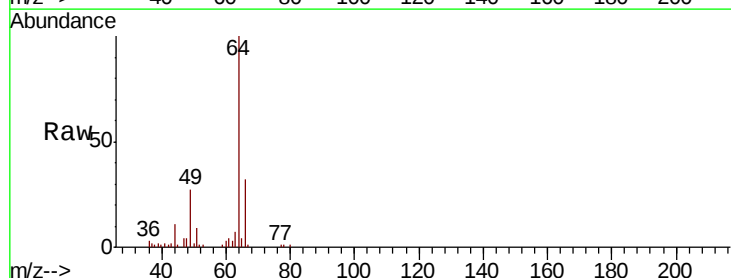
Acq: 10 Dec 2019 12:36

Tgt Ion: 64 Resp: 54939

Ion Ratio Lower Upper

64 100

66 32.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC

2.68

30000

25000

20000

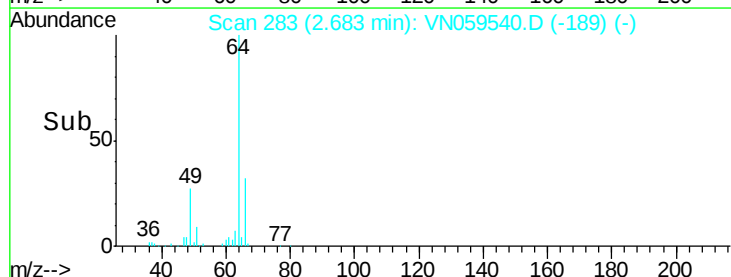
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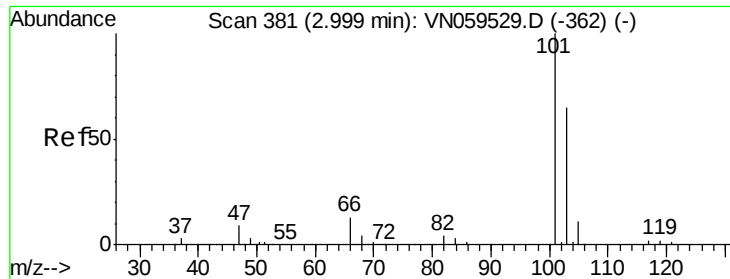
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5000

0

Time-->





#7

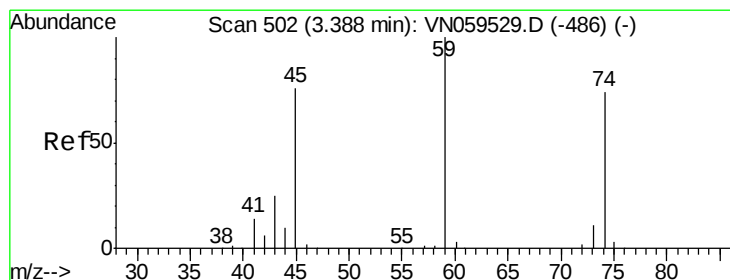
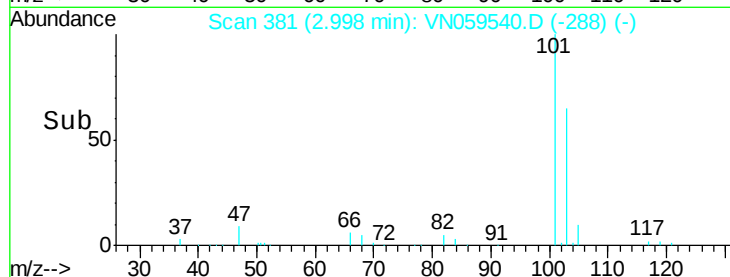
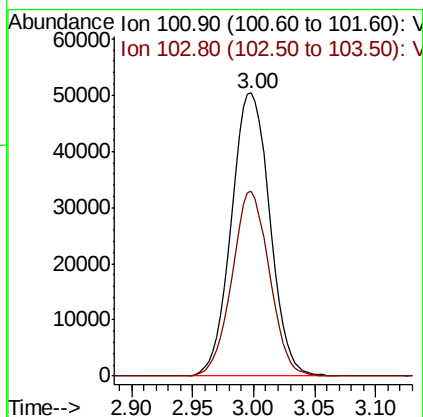
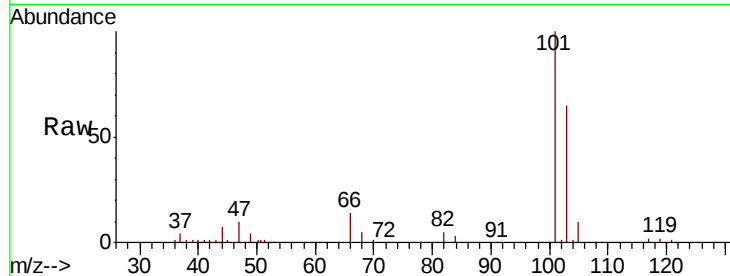
Trichlorofluoromethane
Concen: 20.694 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion:101 Resp: 110272
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

Manual Integrations
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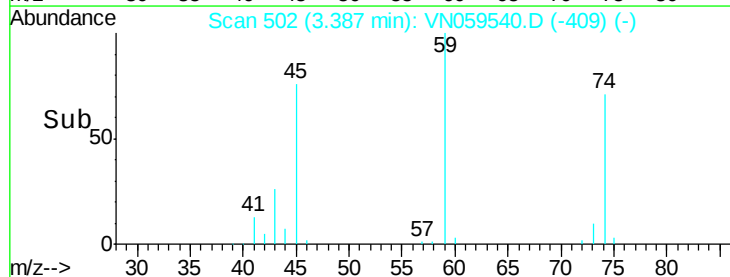
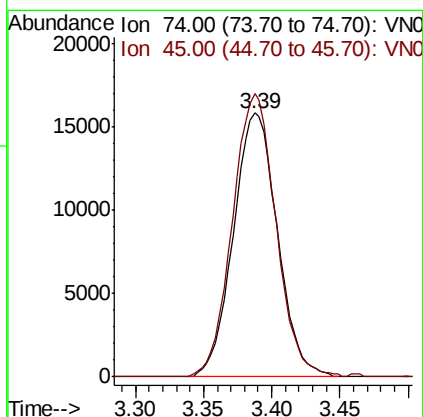
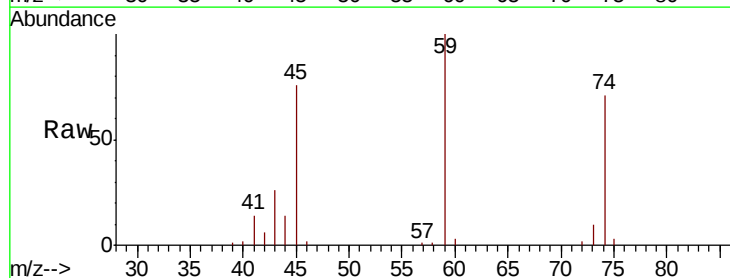
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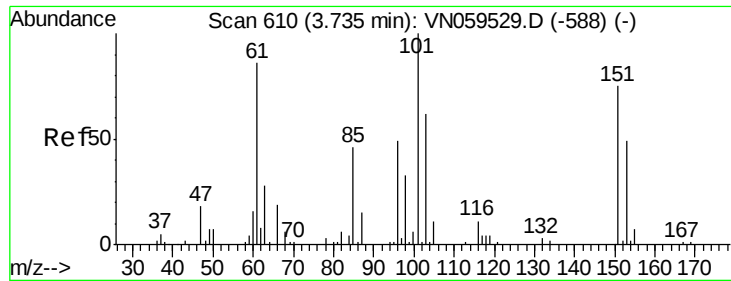


#8

Diethyl Ether
Concen: 19.461 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 74 Resp: 35539
Ion Ratio Lower Upper
74 100
45 106.2 52.6 157.9





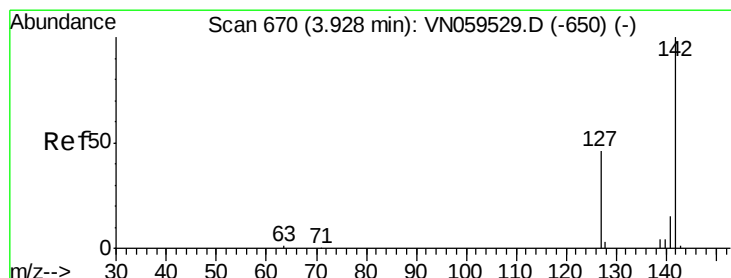
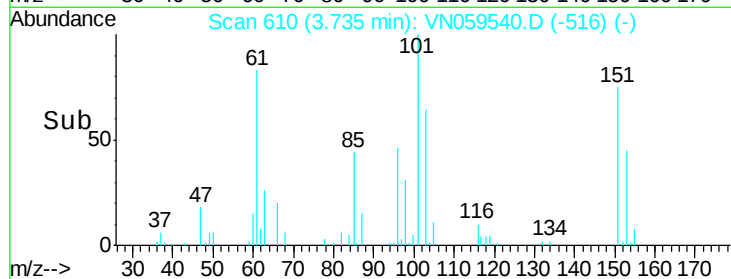
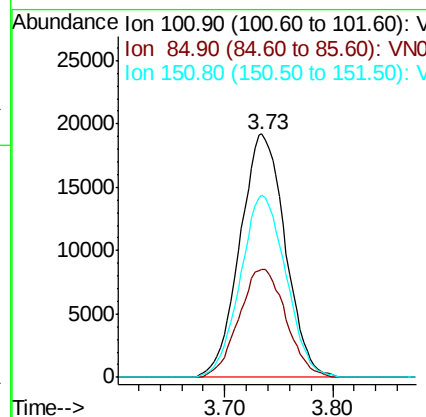
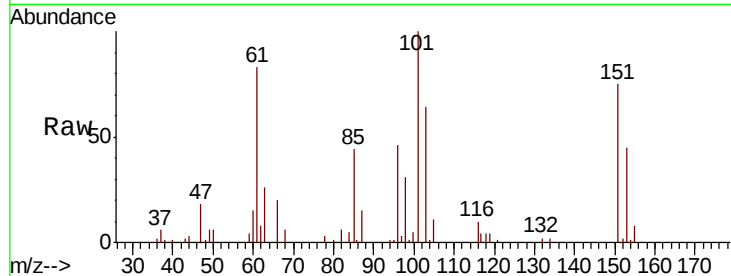
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.217 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.6	54.8
151	75.4	59.3	88.9

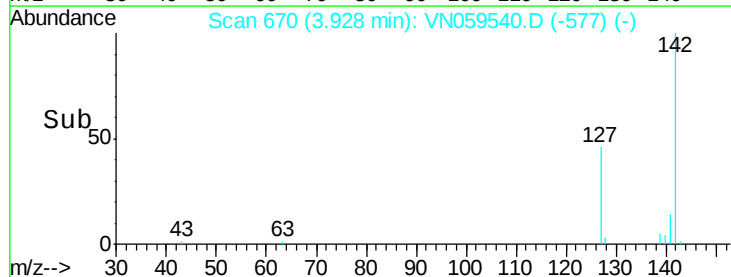
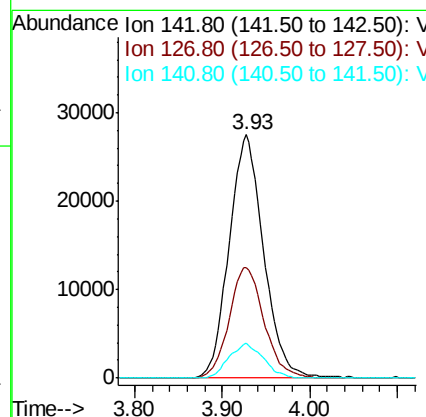
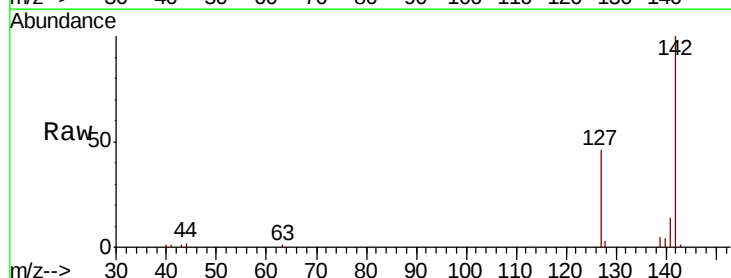
Manual Integrations
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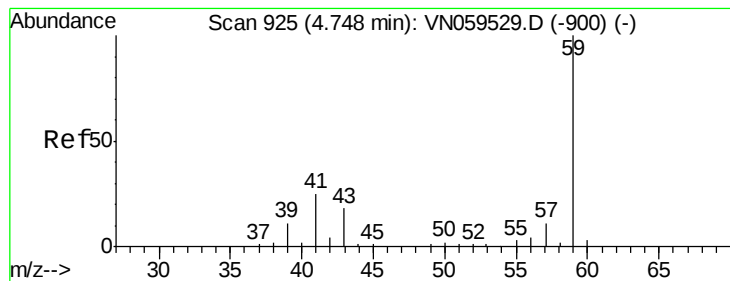
apatel
 12/11/2019 2:15:51 PM



#10
 Methyl Iodide
 Concen: 20.054 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.8	36.6	54.8
141	14.1	11.6	17.4





#11

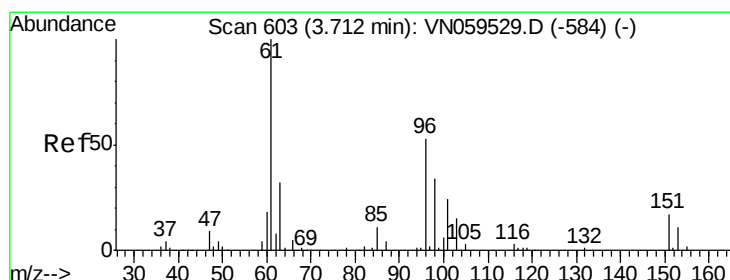
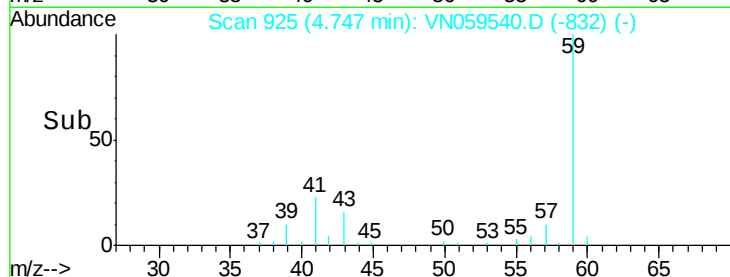
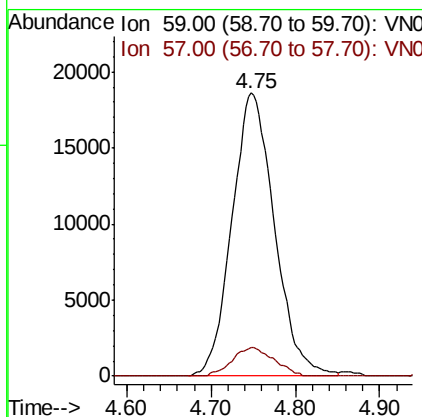
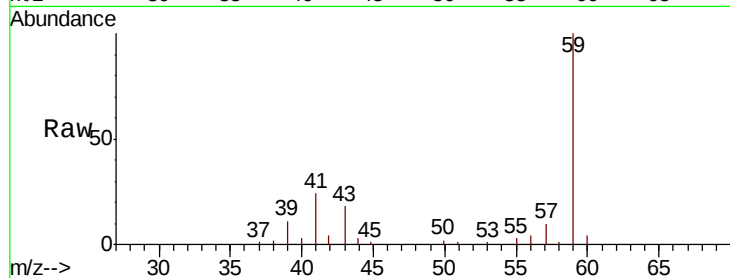
Tert butyl alcohol
 Concen: 108.912 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.6	13.0

Manual Integrations
 APPROVED

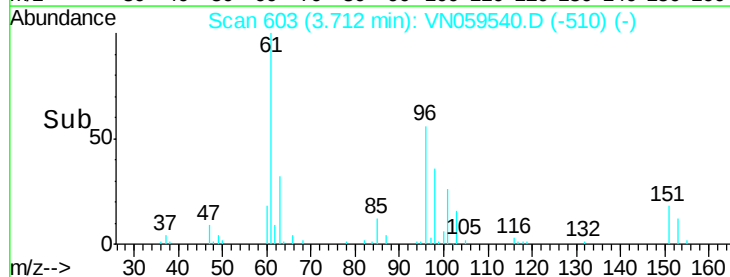
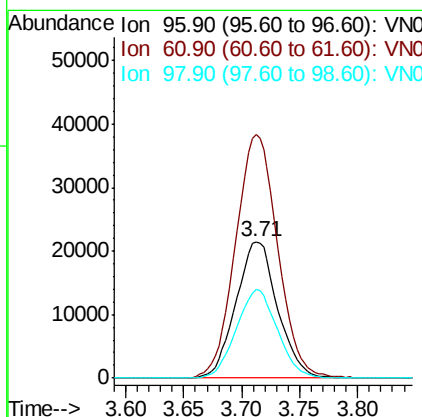
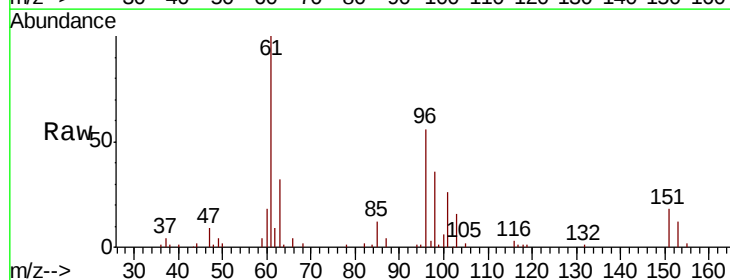
apatel
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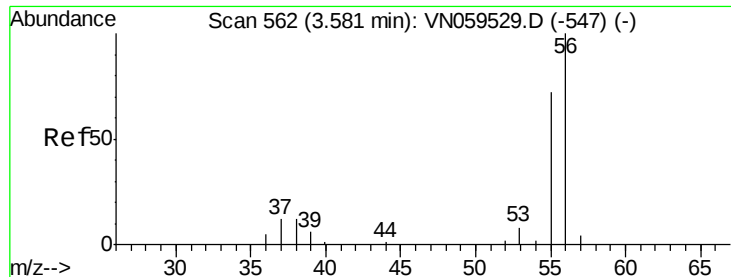


#12

1,1-Dichloroethene
 Concen: 19.873 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.8	149.8	224.6
98	64.9	50.6	75.8





#13

Acrolein

Concen: 136.333 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 56 Resp: 39734

Ion Ratio Lower Upper

56 100

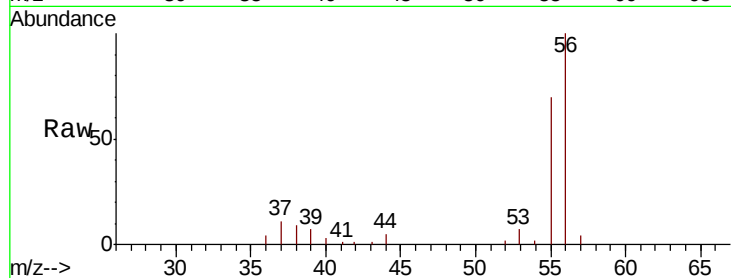
55 72.5 56.9 85.3

Manual Integrations

APPROVED

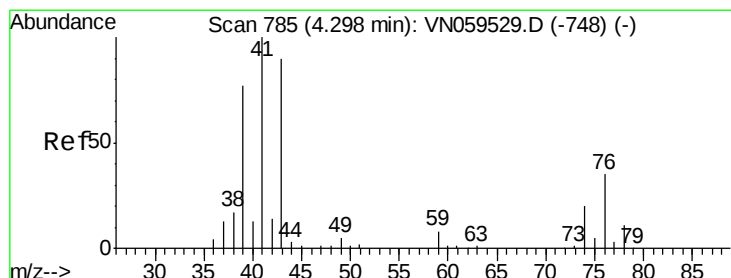
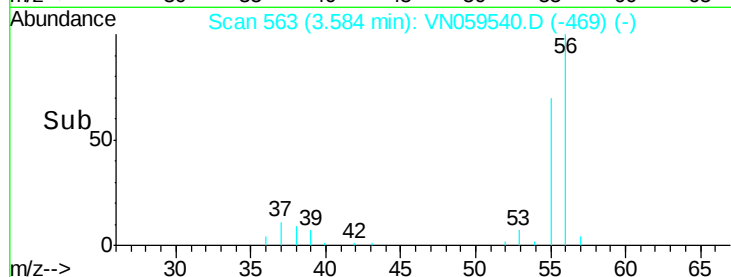
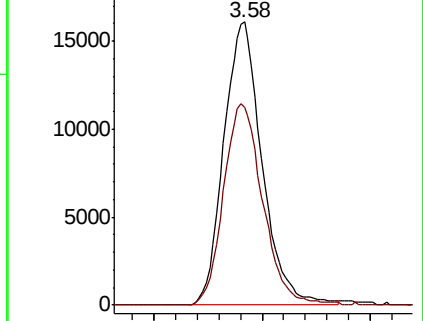
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.987 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

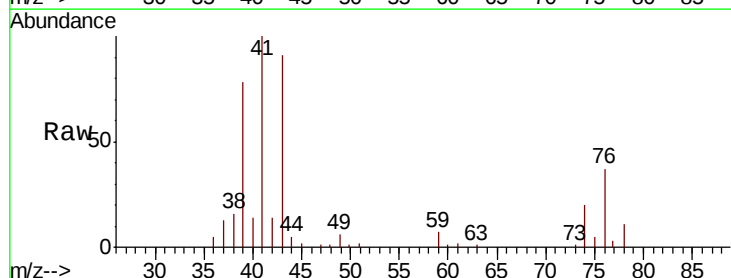
Tgt Ion: 41 Resp: 98472

Ion Ratio Lower Upper

41 100

39 80.2 56.7 85.1

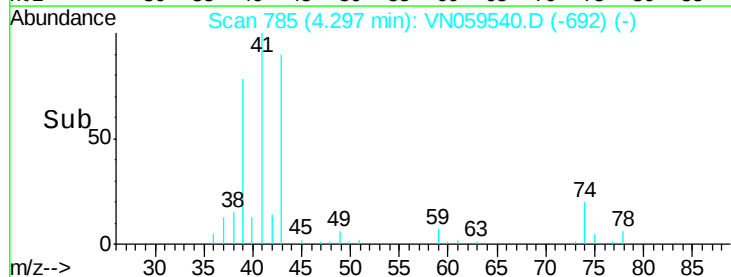
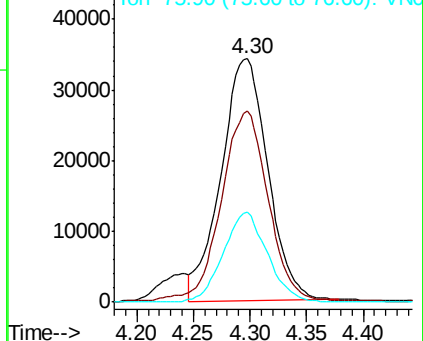
76 34.9 25.5 38.3

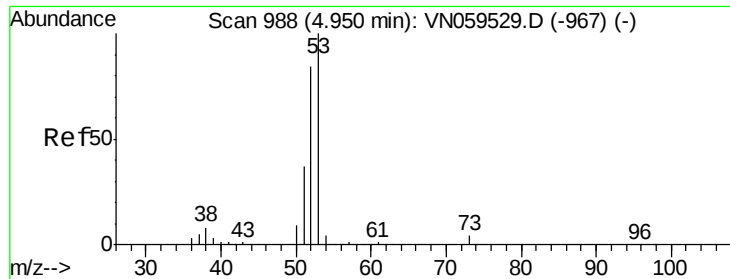


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 106.487 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

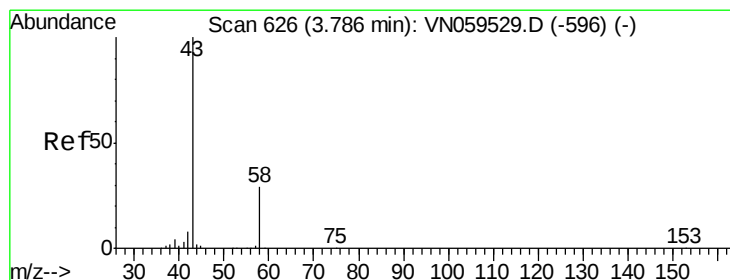
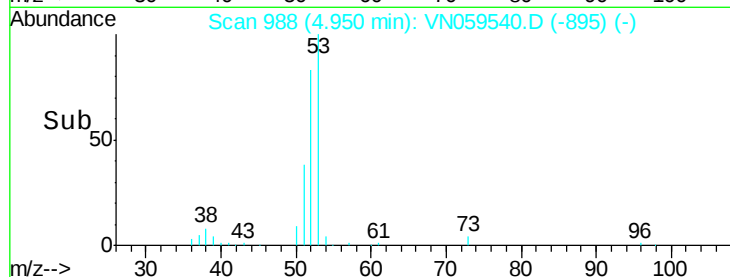
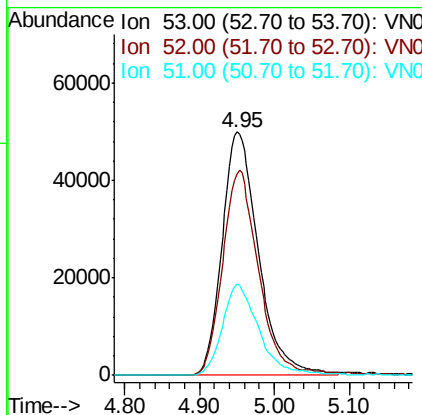
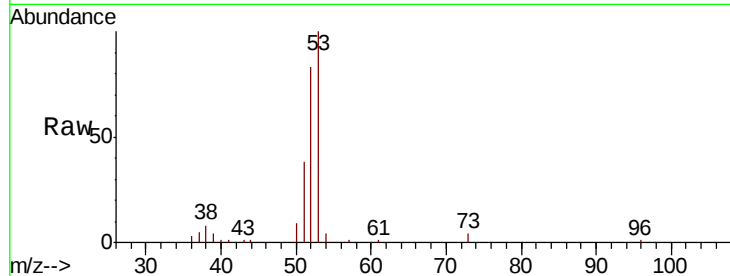
ClientSampleId :

VN1210MBS01

Tot Ion:	53	Resp:	168207
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	99.8
51	37.4	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 96.502 ug/l

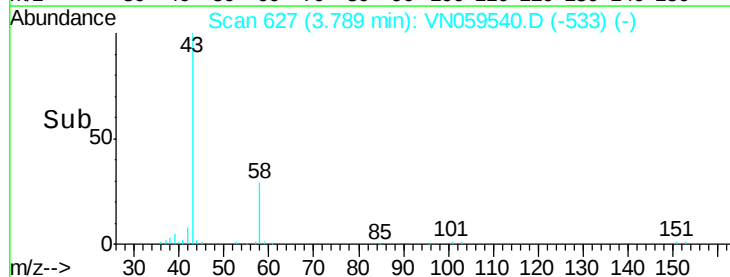
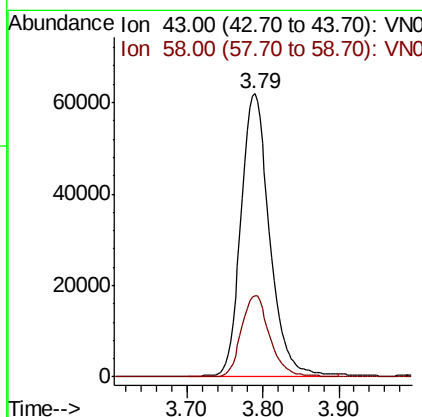
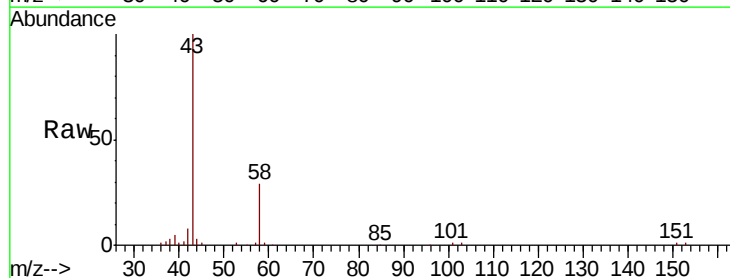
RT: 3.79 min Scan# 627

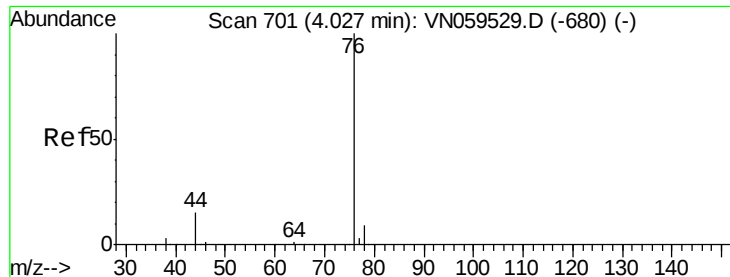
Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion:	43	Resp:	163198
Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.0	34.4





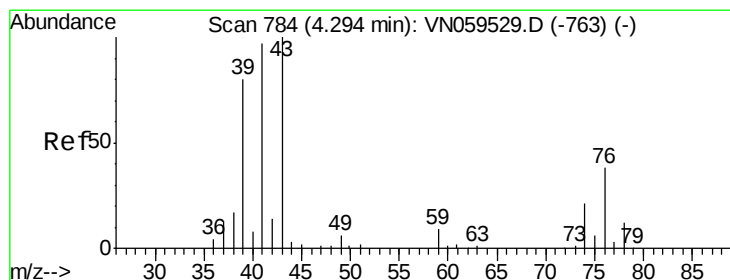
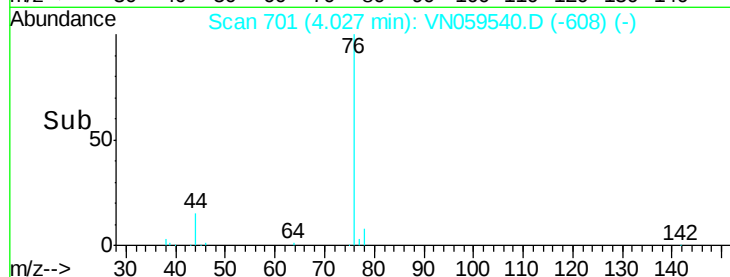
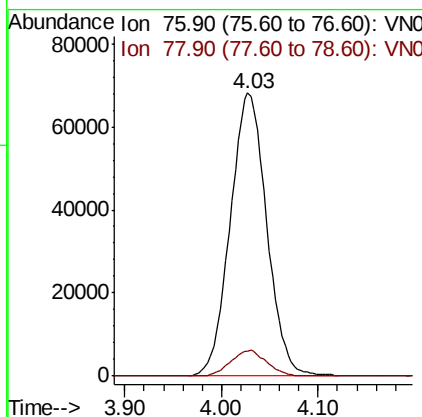
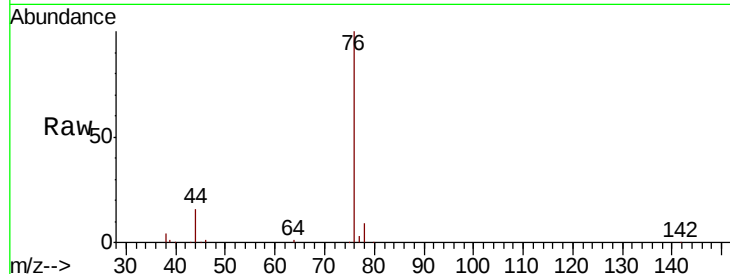
#17
Carbon Disulfide
Concen: 20.561 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

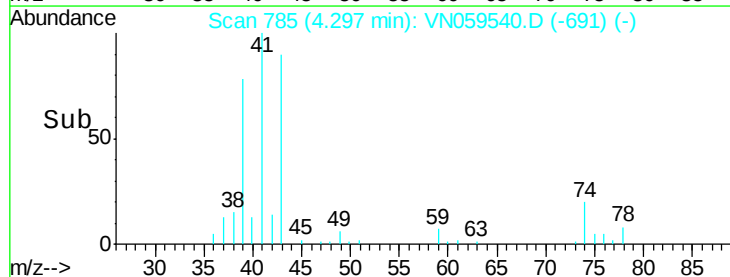
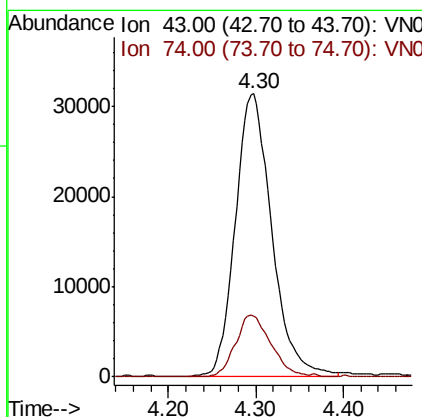
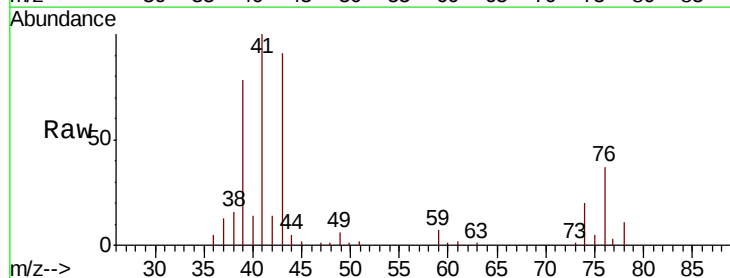
Manual Integrations
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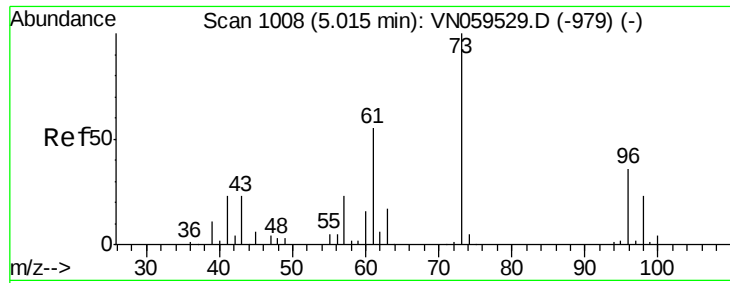
apatel
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#18
Methyl Acetate
Concen: 20.540 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.5	26.3





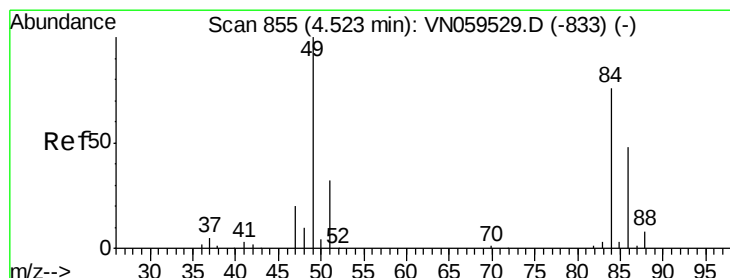
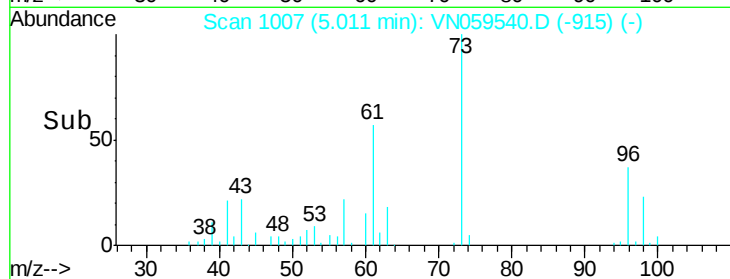
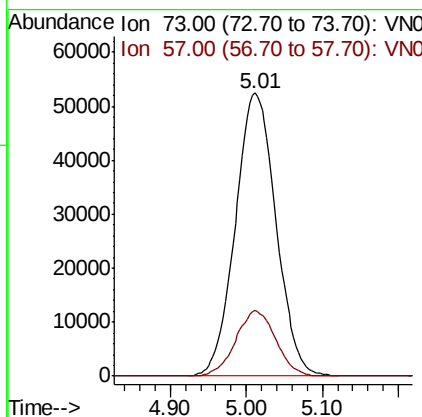
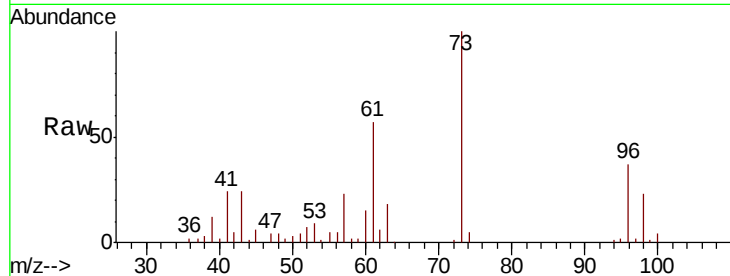
#19
Methyl tert-butyl Ether
Concen: 21.717 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion: 73 Resp: 194620
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5

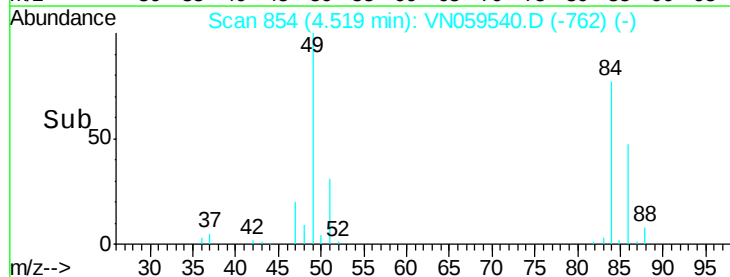
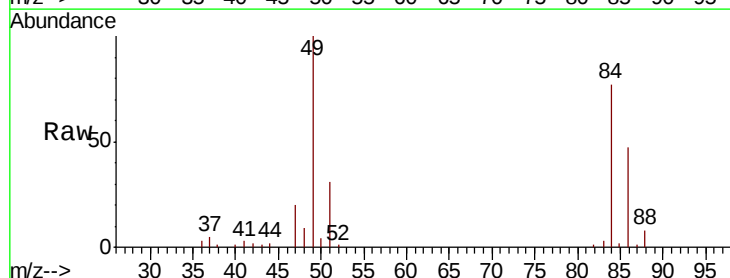
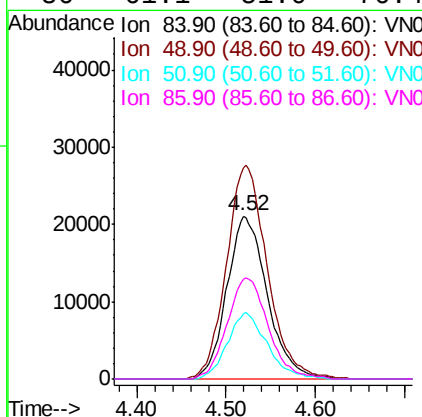
Manual Integrations
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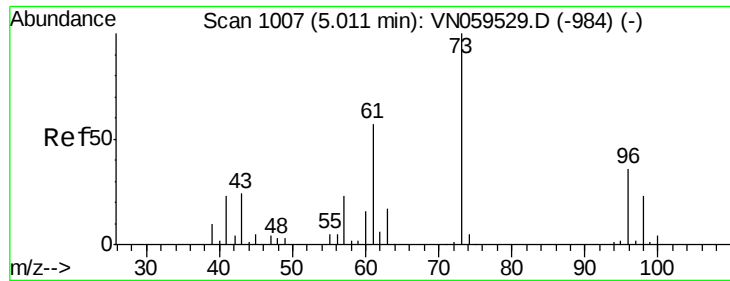
apatel
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#20
Methylene Chloride
Concen: 21.552 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 84 Resp: 66155
Ion Ratio Lower Upper
84 100
49 129.3 105.8 158.8
51 39.8 33.7 50.5
86 61.1 51.0 76.4





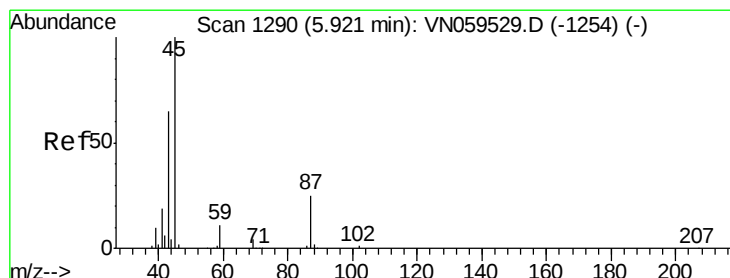
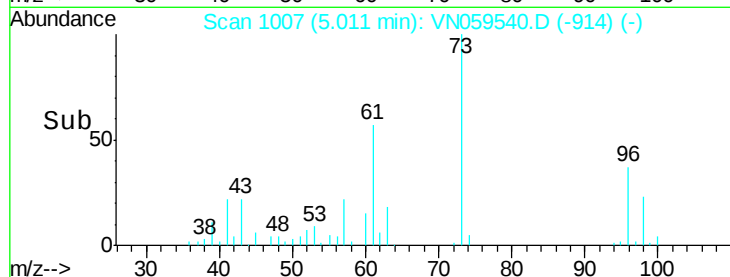
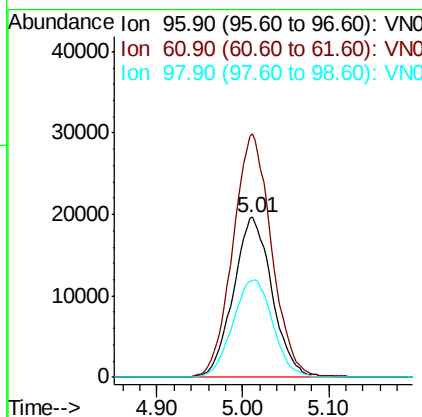
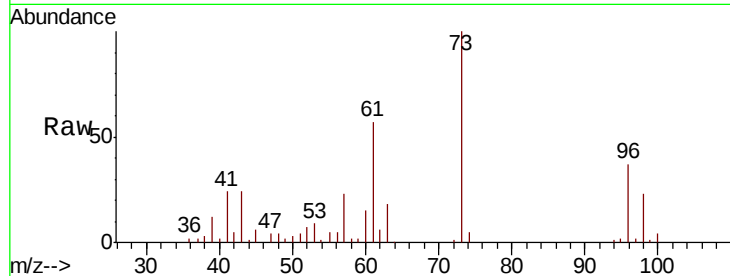
#21
trans-1,2-Dichloroethene
Concen: 21.232 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	124.8	187.2
98	60.6	51.0	76.4

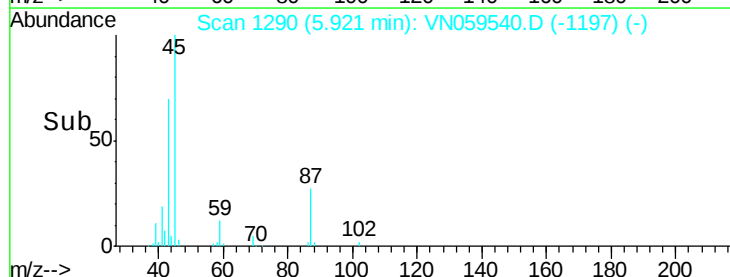
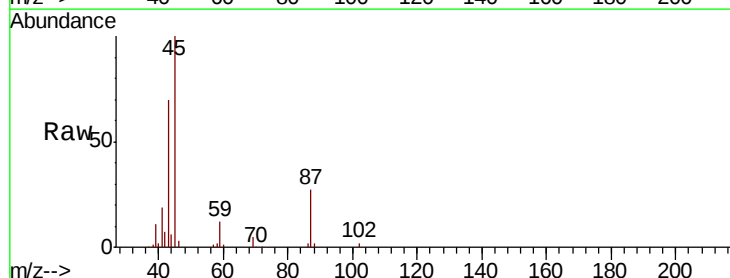
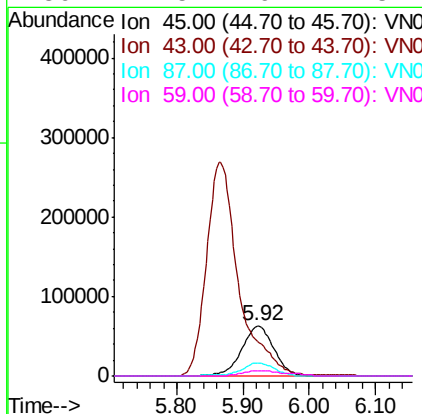
Manual Integrations
APPROVED

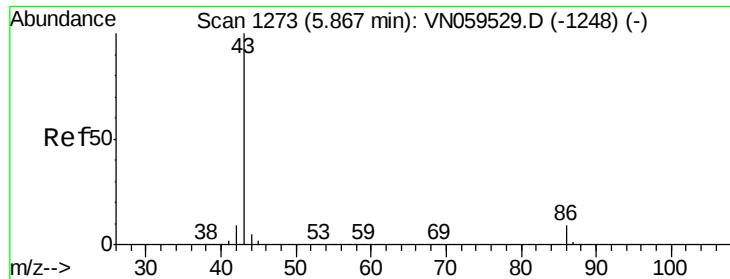
apatel
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#22
Diisopropyl ether
Concen: 21.525 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.9	52.8	79.2
87	26.8	20.2	30.4
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 110.458 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 43 Resp: 909692

Ion Ratio Lower Upper

43 100

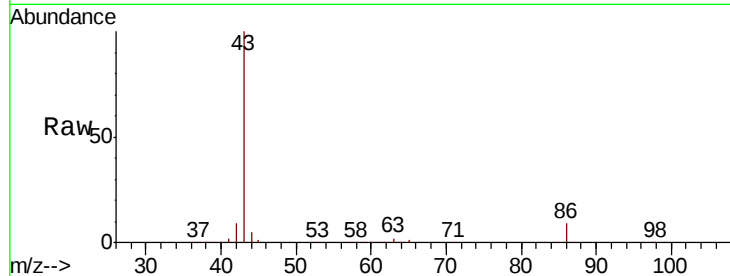
86 9.4 7.4 11.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

300000

250000

200000

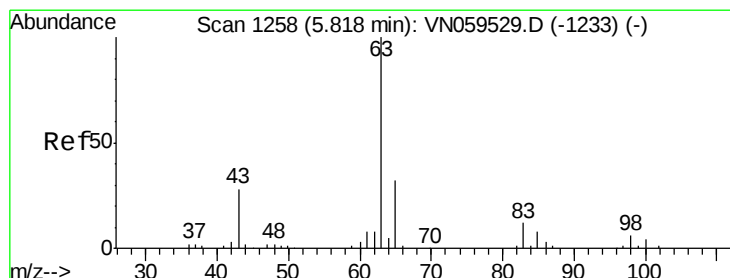
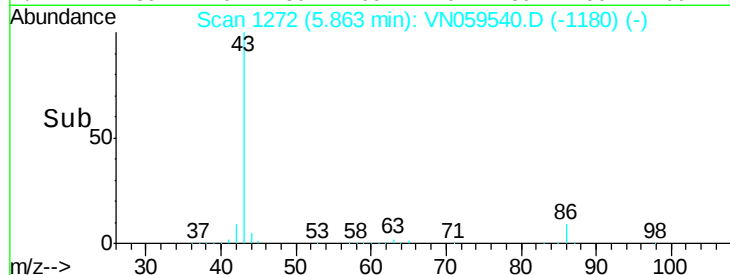
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.826 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

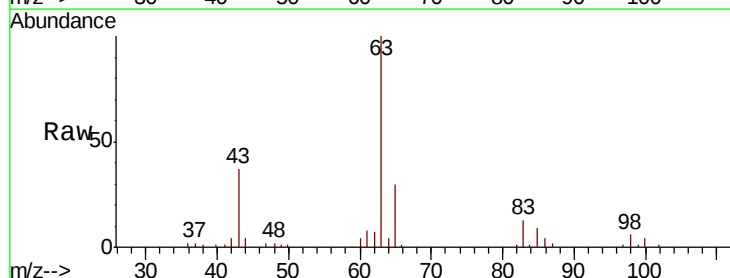
Tgt Ion: 63 Resp: 122344

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.0

100 4.1 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

5.82

50000

40000

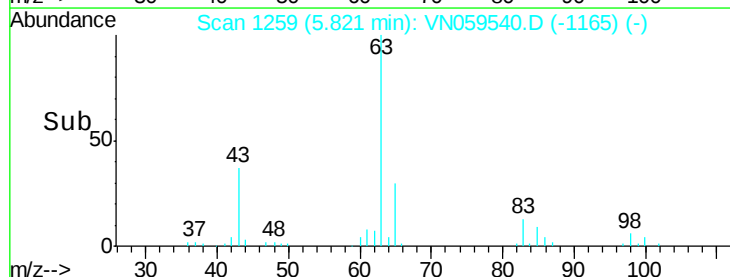
30000

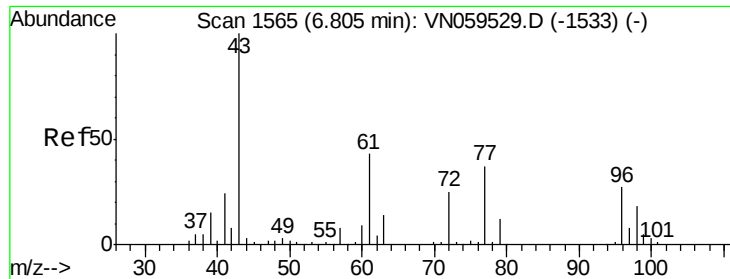
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.037 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 43 Resp: 239100

Ion Ratio Lower Upper

43 100

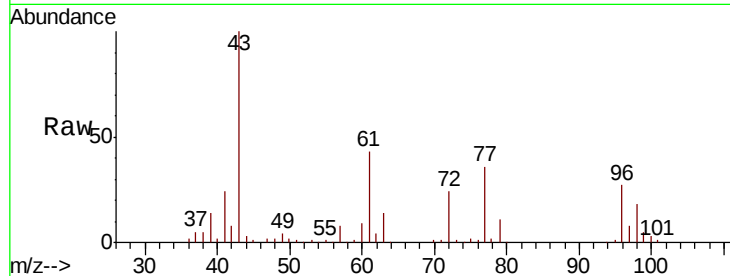
72 24.4 19.9 29.9

Manual Integrations

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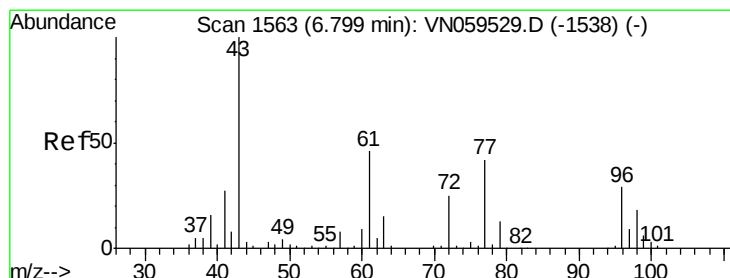
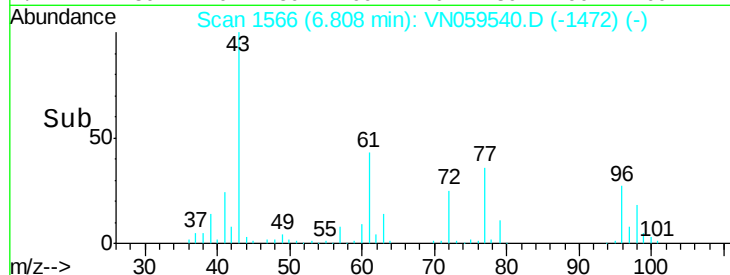
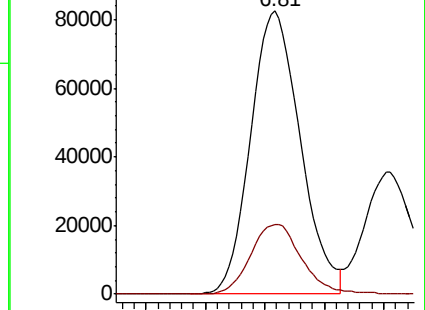
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Abundance Ion 43.00 (42.70 to 43.70): VN059540.D (-1472) (-)

Ion 72.00 (71.70 to 72.70): VN059540.D (-1472) (-)



#26

2,2-Dichloropropane

Concen: 21.459 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059540.D

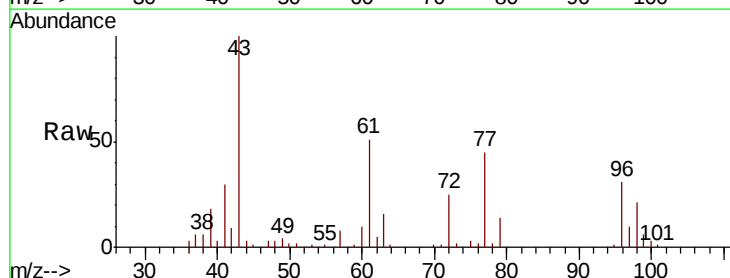
Acq: 10 Dec 2019 12:36

Tgt Ion: 77 Resp: 108671

Ion Ratio Lower Upper

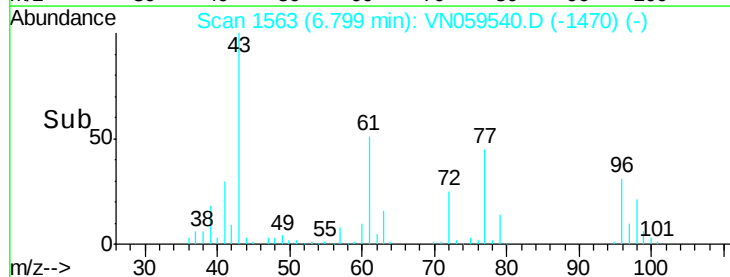
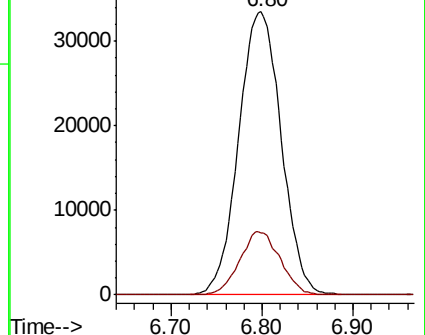
77 100

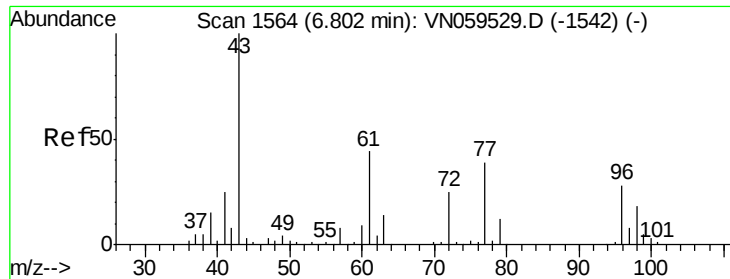
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN059540.D (-1470) (-)

Ion 96.90 (96.60 to 97.60): VN059540.D (-1470) (-)





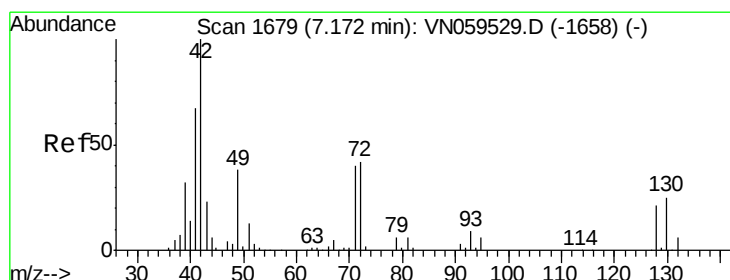
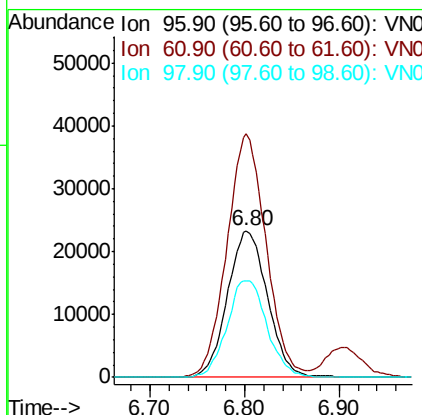
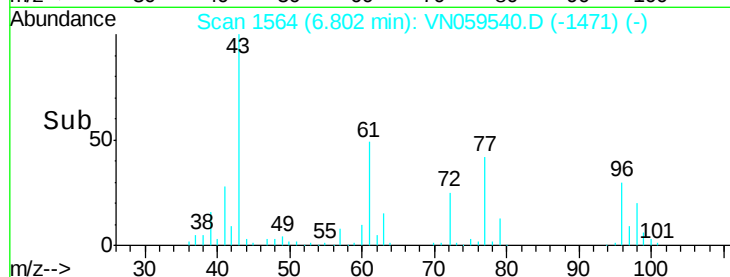
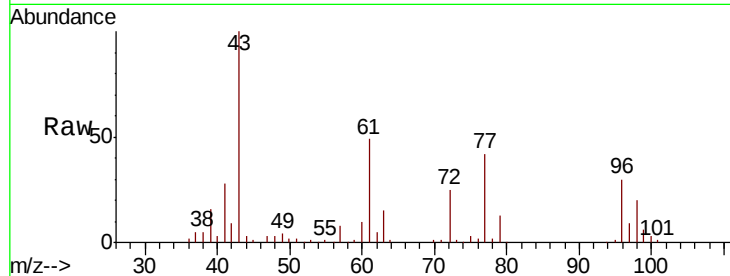
#27
 cis-1,2-Dichloroethene
 Concen: 21.079 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	320.0
98	65.6	0.0	128.6

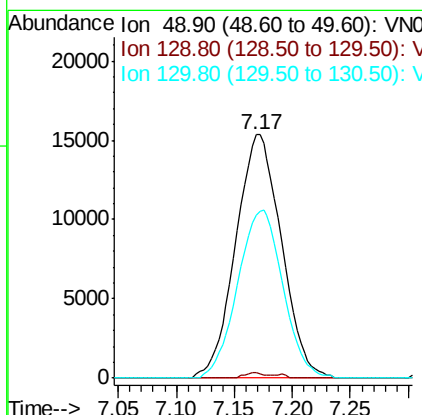
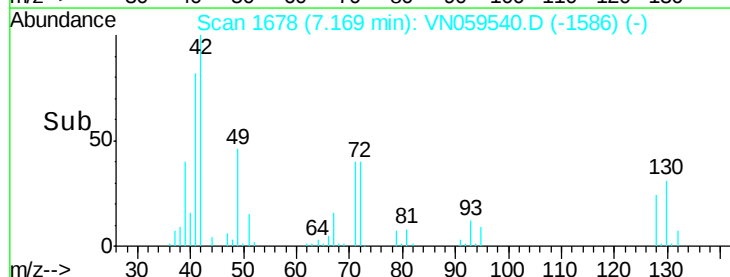
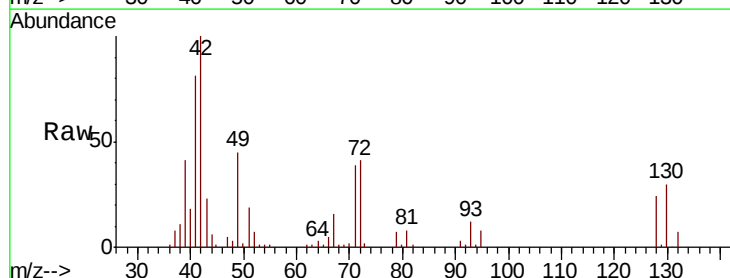
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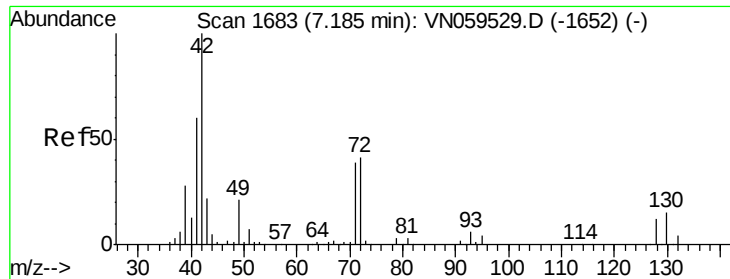
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#28
 Bromochloromethane
 Concen: 21.542 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	68.4	54.2	81.2





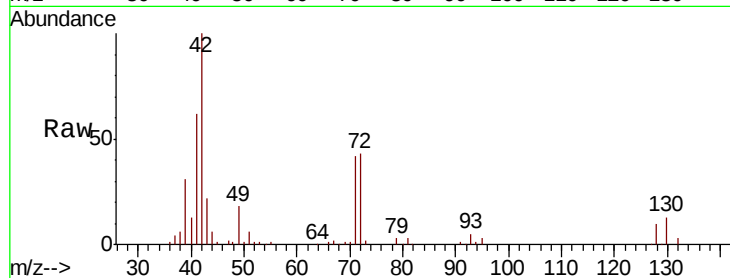
#29
Tetrahydrofuran
Concen: 101.729 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

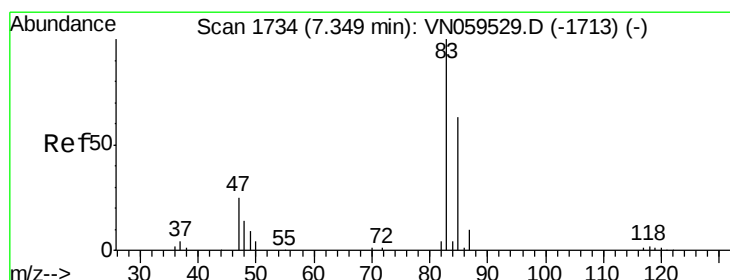
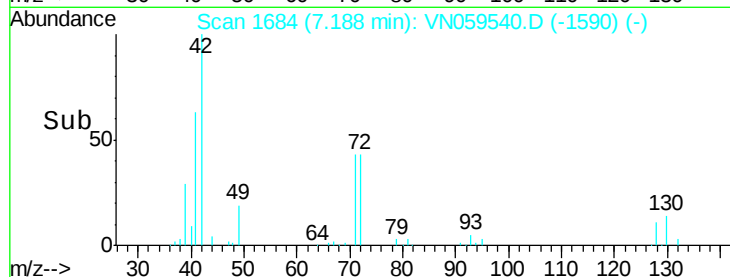
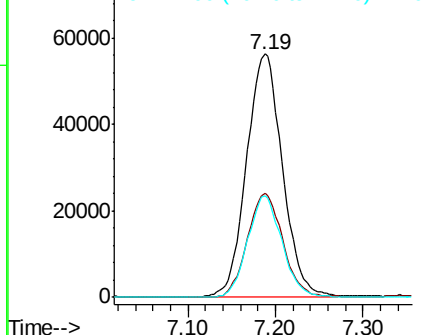
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.7	49.1
71	39.8	31.4	47.2

Manual Integrations
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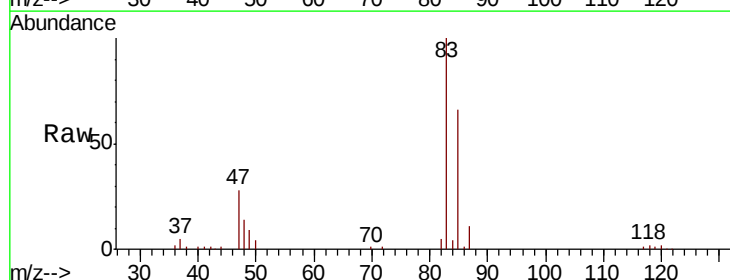


Abundance Ion 42.00 (41.70 to 42.70): VN059529.D (-1652) (-)

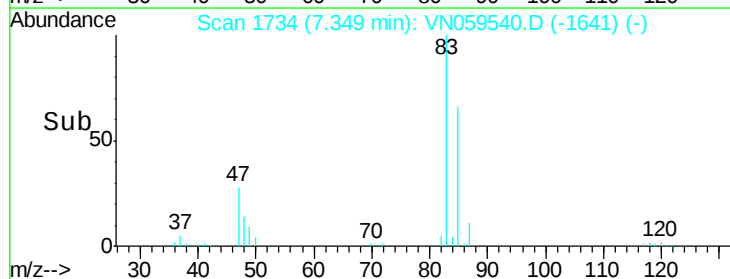
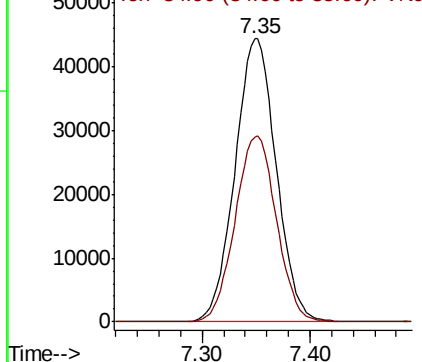


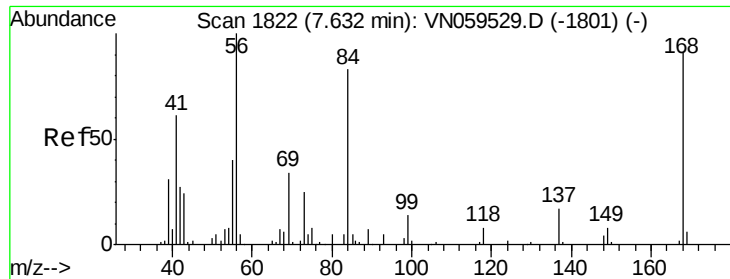
#30
Chloroform
Concen: 21.316 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	75.8



Abundance Ion 82.90 (82.60 to 83.60): VN059529.D (-1713) (-)





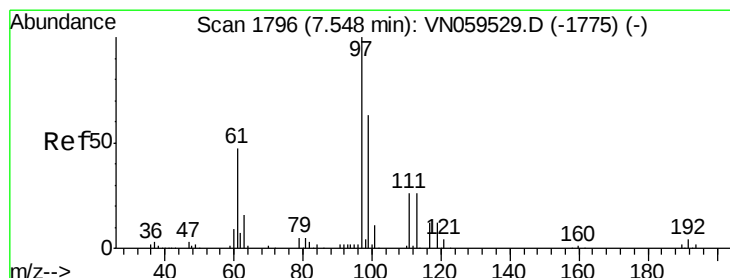
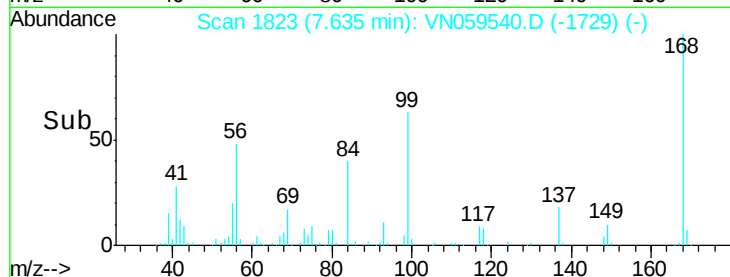
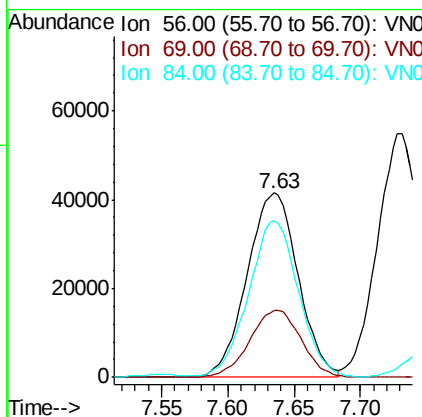
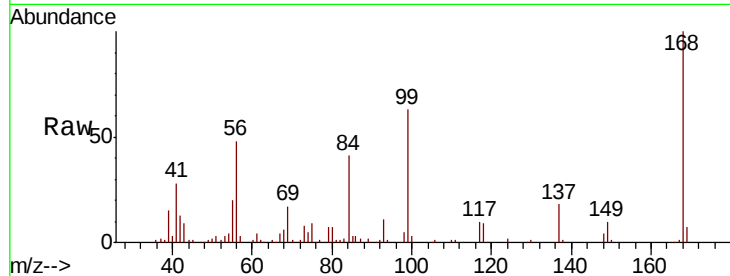
#31
Cyclohexane
Concen: 20.417 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	26.9	40.3
84	84.0	66.5	99.7

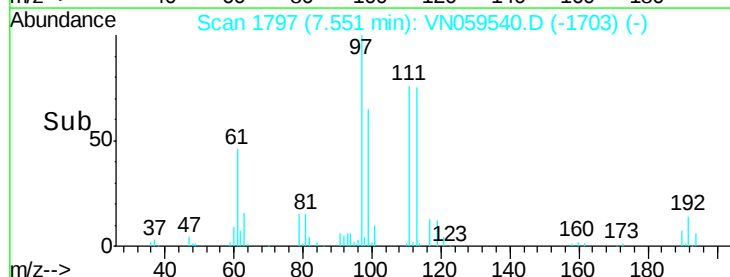
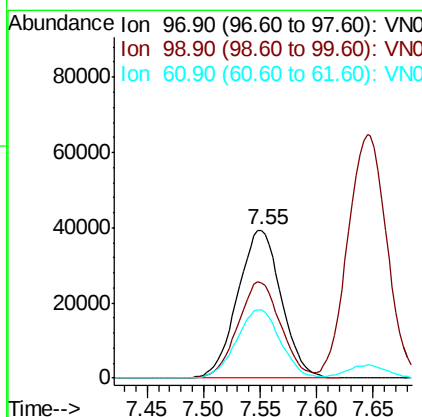
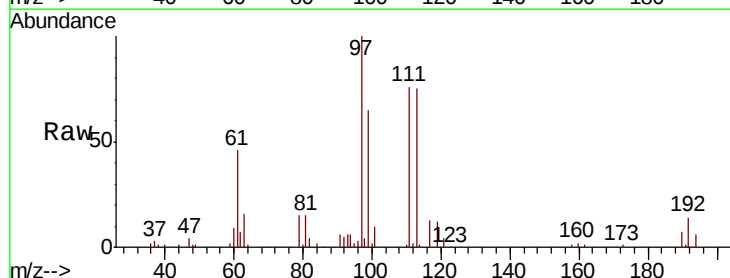
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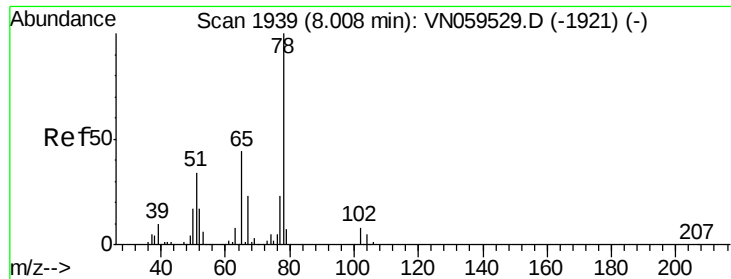
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#32
1,1,1-Trichloroethane
Concen: 21.527 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	46.5	38.5	57.7





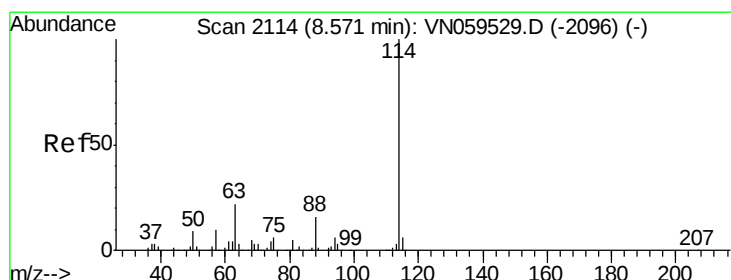
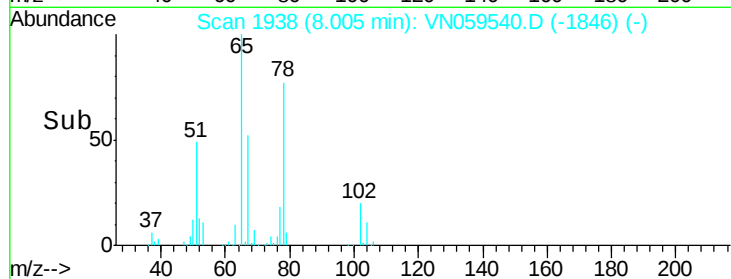
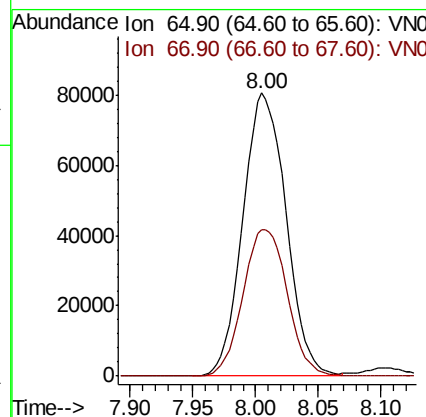
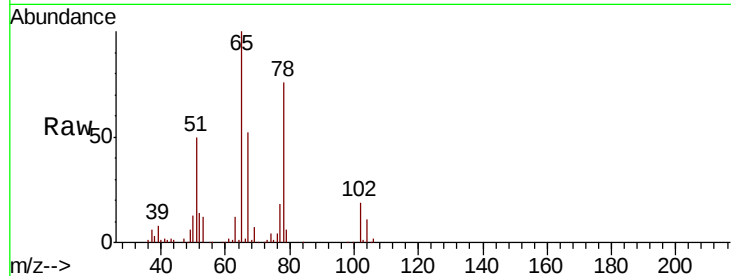
#33
 1,2-Dichloroethane-d4
 Concen: 53.253 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192787		
67	53.3	0.0	103.6	

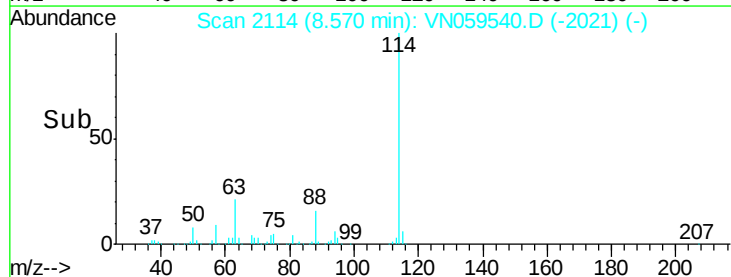
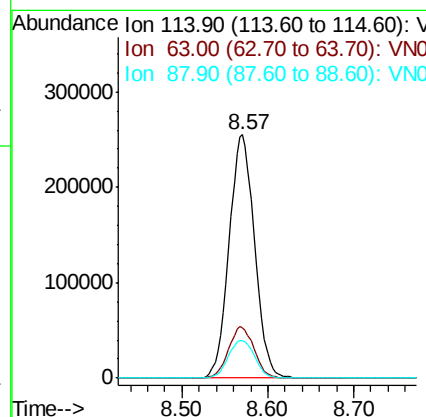
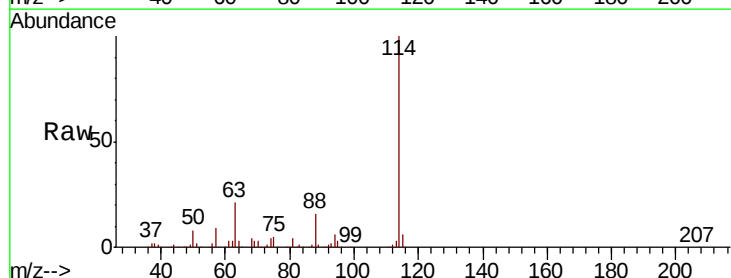
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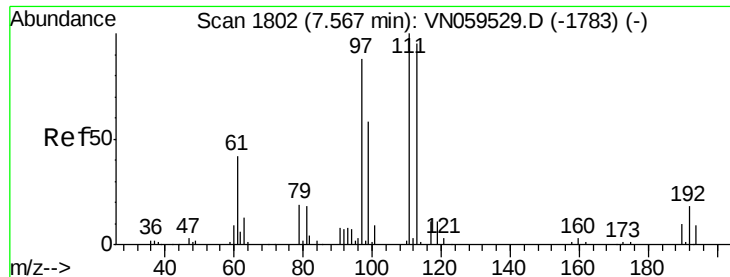
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	523837		
63	20.8	0.0	45.0	
88	15.6	0.0	32.2	





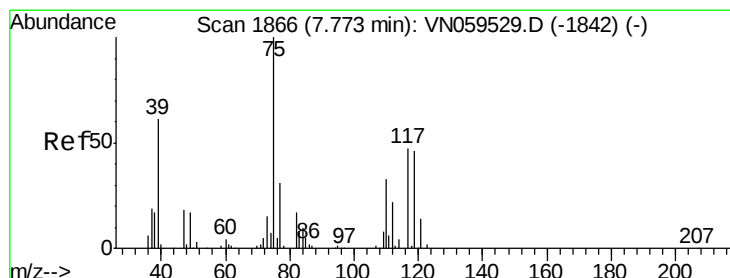
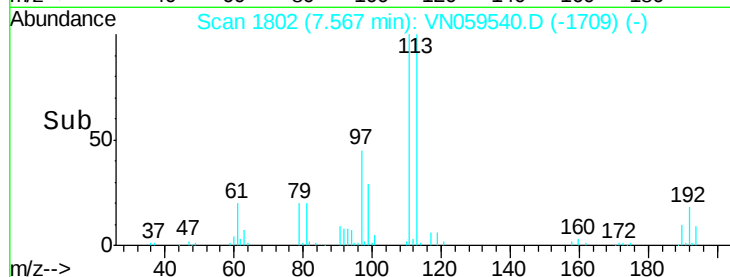
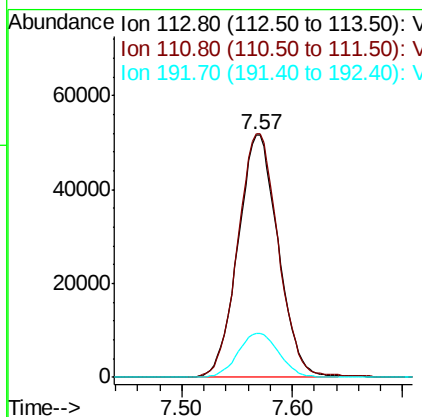
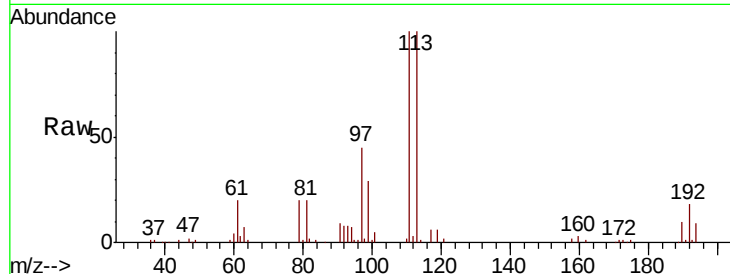
#35
 Dibromofluoromethane
 Concen: 41.578 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.6	14.8	22.2

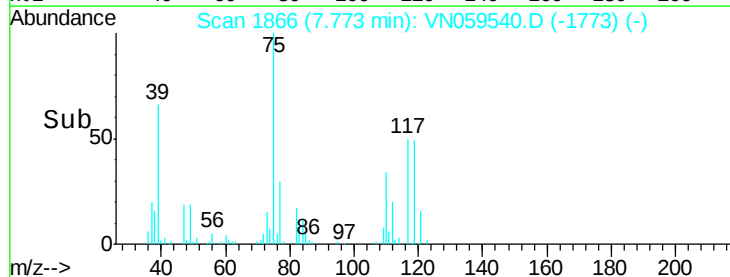
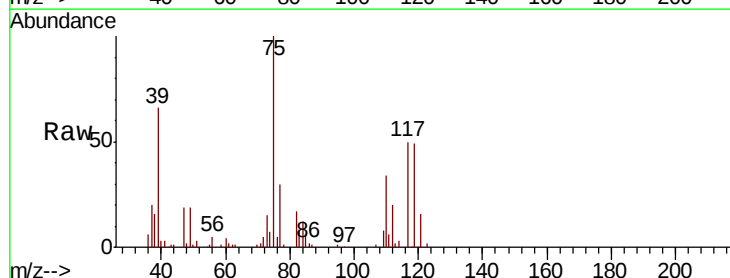
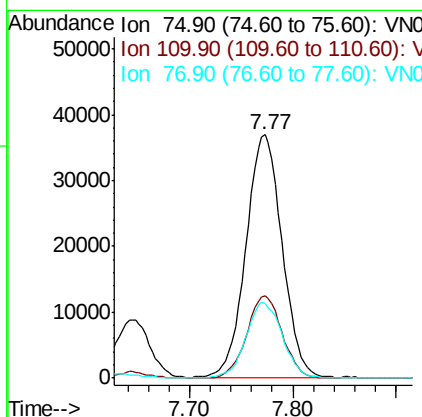
Manual Integrations
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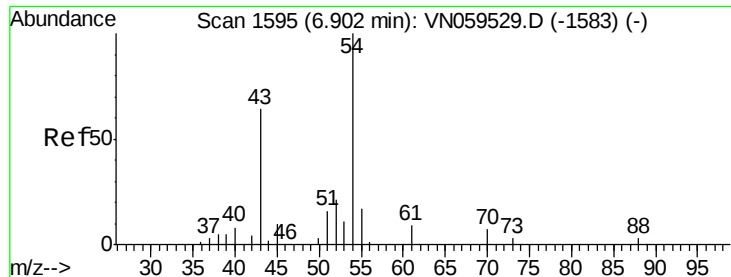
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#36
 1,1-Dichloropropene
 Concen: 16.815 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.7	50.0
77	30.9	24.6	37.0





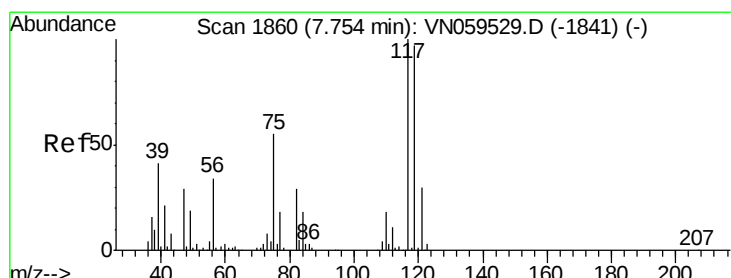
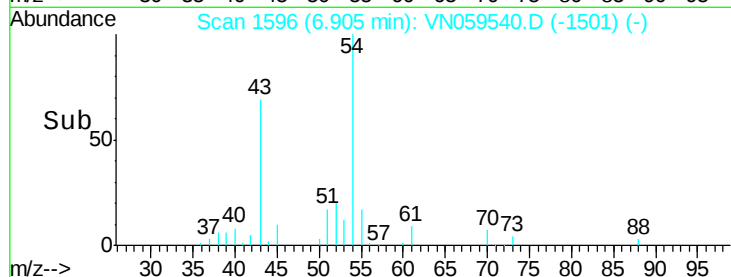
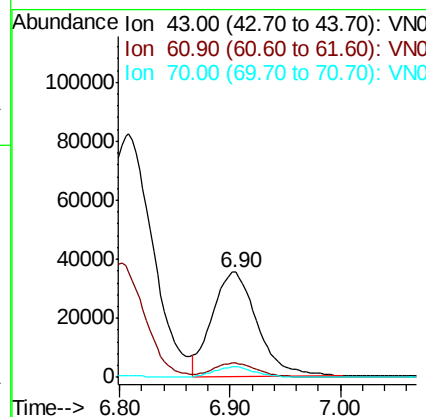
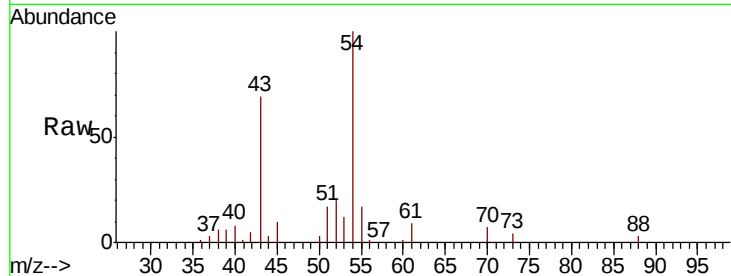
#37
Ethyl Acetate
Concen: 16.867 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	9.4	7.7	11.5

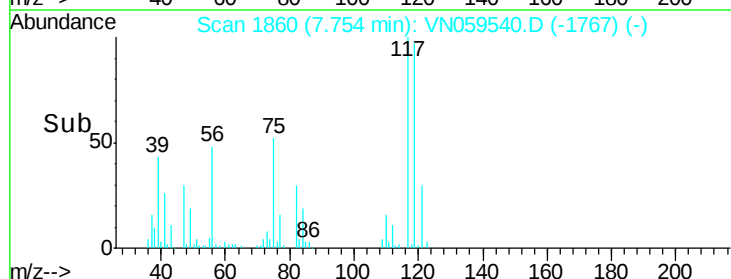
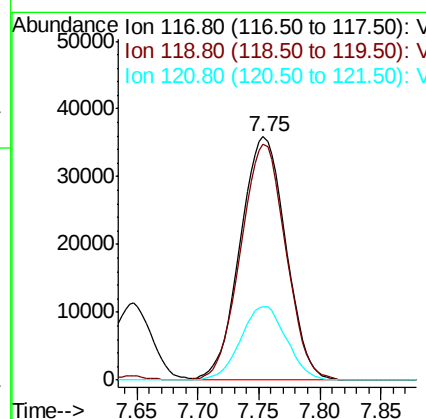
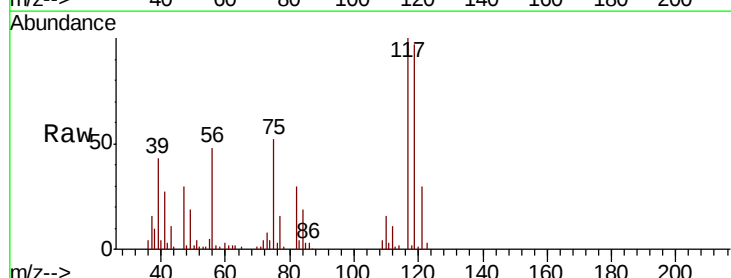
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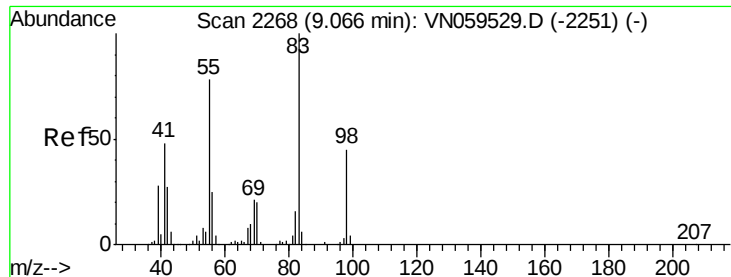
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#38
Carbon Tetrachloride
Concen: 17.576 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.0	115.4
121	30.4	24.1	36.1





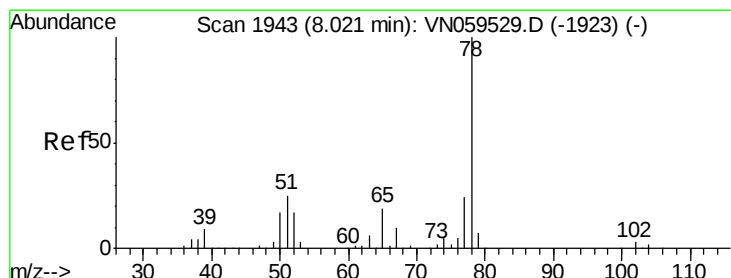
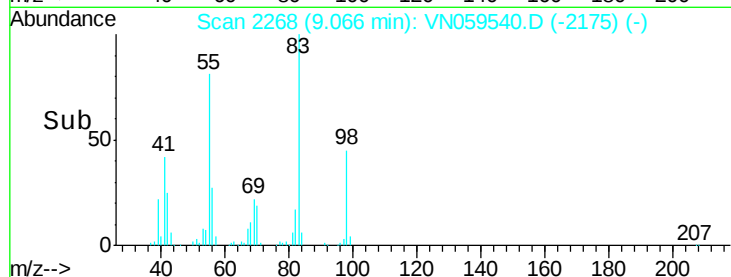
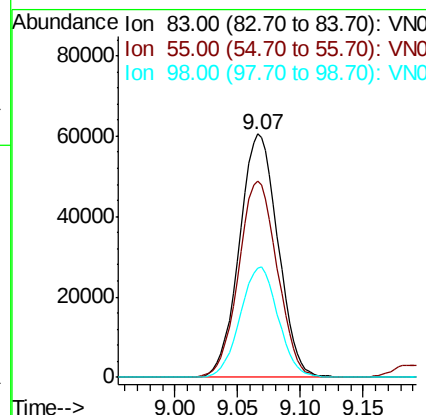
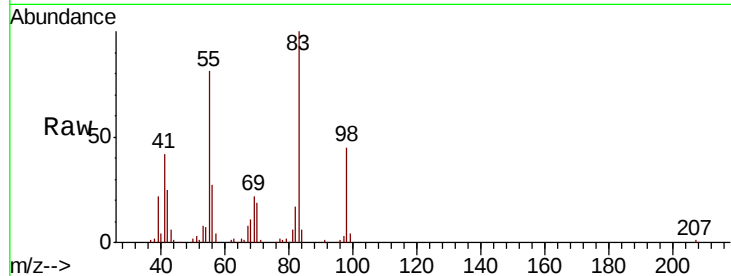
#39
Methvlcvclohexane
Concen: 21.470 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	62.7	94.1
98	44.9	35.7	53.5

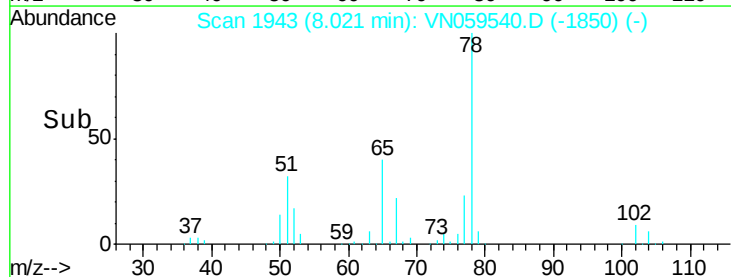
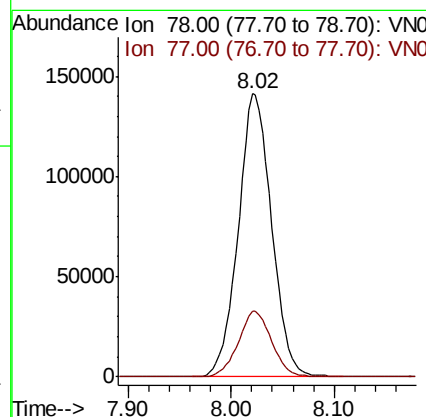
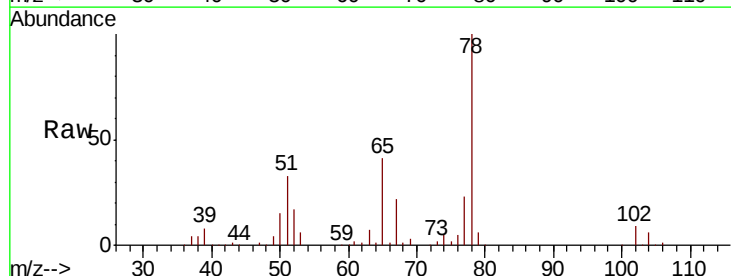
Manual Integrations
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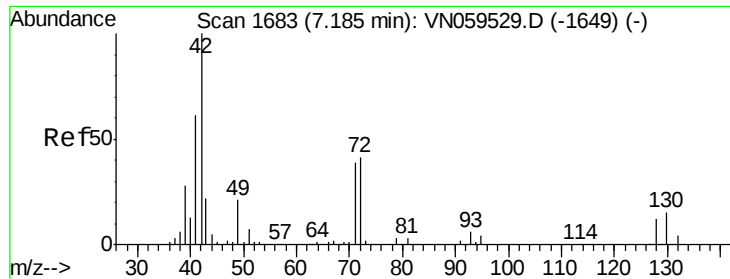
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#40
Benzene
Concen: 20.678 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





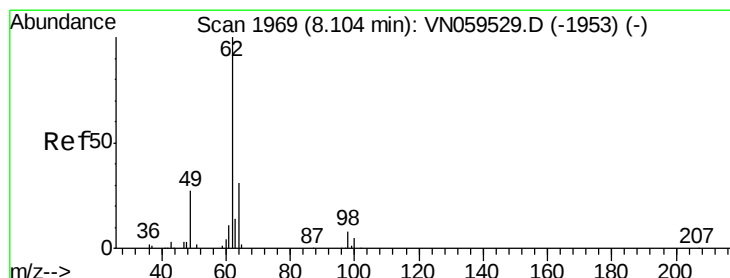
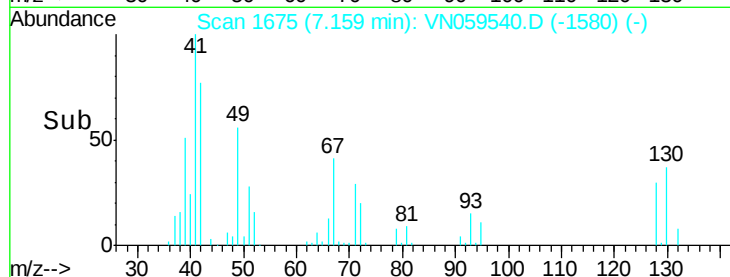
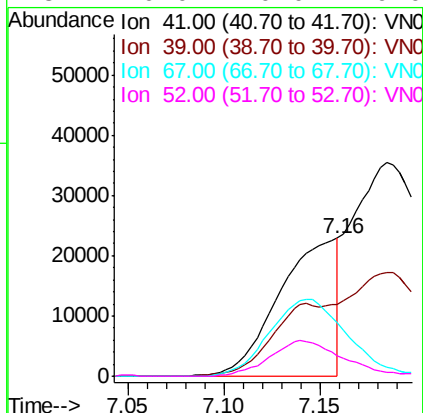
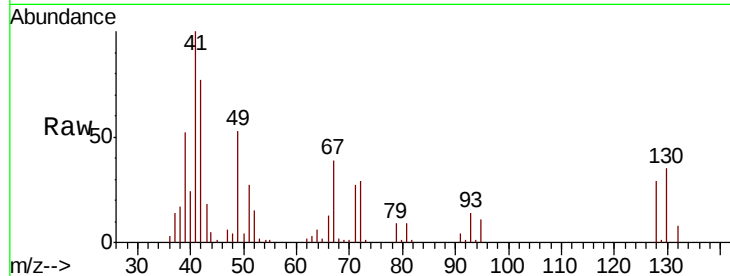
#41
Methacrylonitrile
Concen: 18.620 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

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

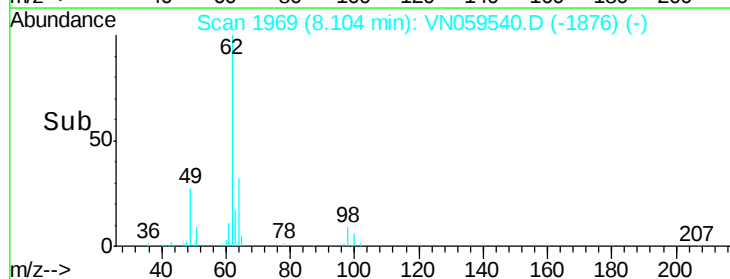
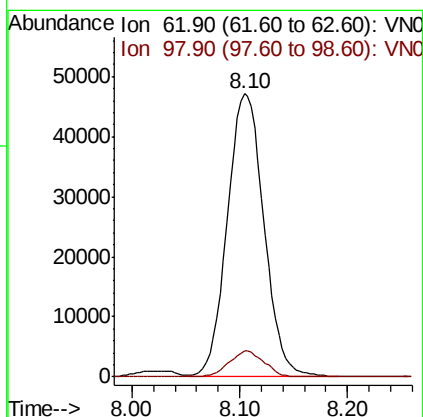
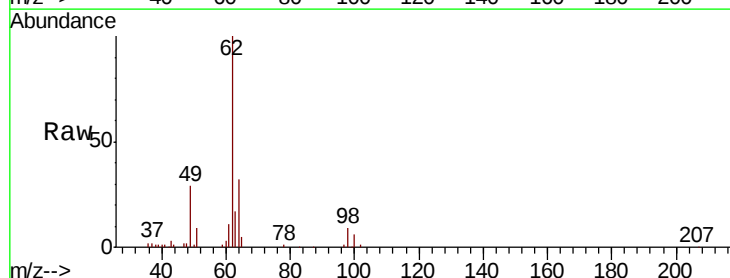
Manual Integrations
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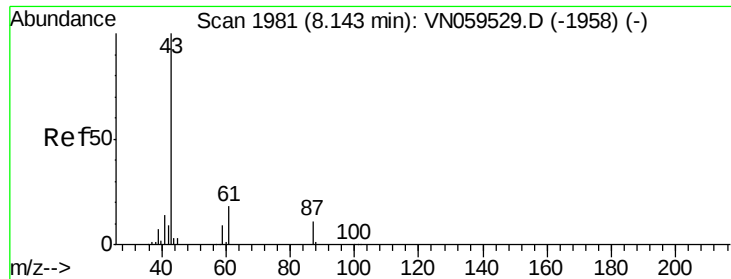
apatel
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#42
1,2-Dichloroethane
Concen: 19.560 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.7	0.0	15.4





#43

Isopropyl Acetate

Concen: 19.689 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

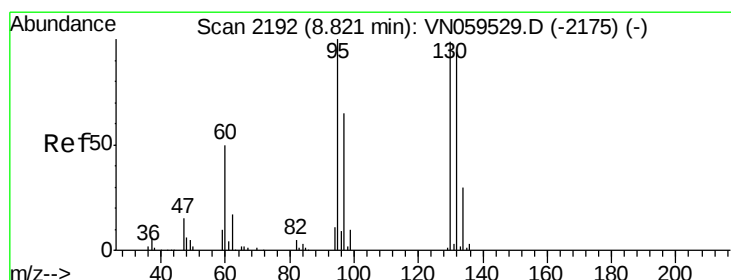
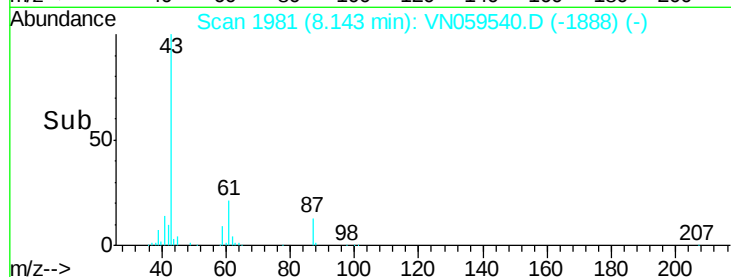
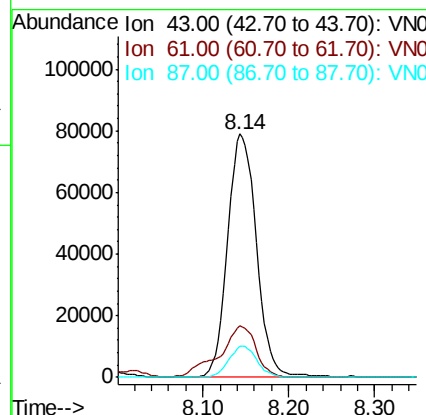
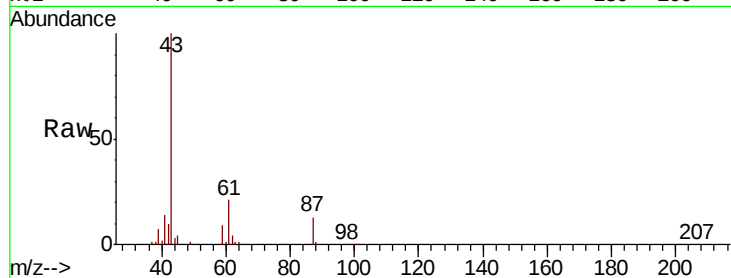
ClientSampleId :

VN1210MBS01

Tot Ion:	43	Resp:	182662
Ion	Ratio	Lower	Upper
43	100		
61	26.9	19.8	29.6
87	12.6	9.4	14.2

Manual Integrations
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#44

Trichloroethene

Concen: 21.700 ug/l

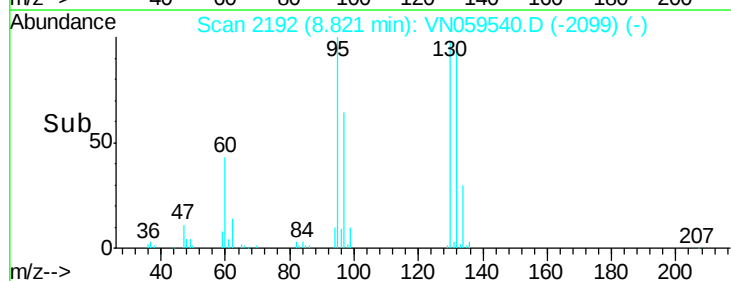
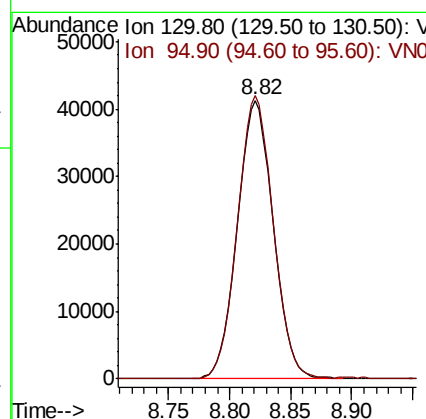
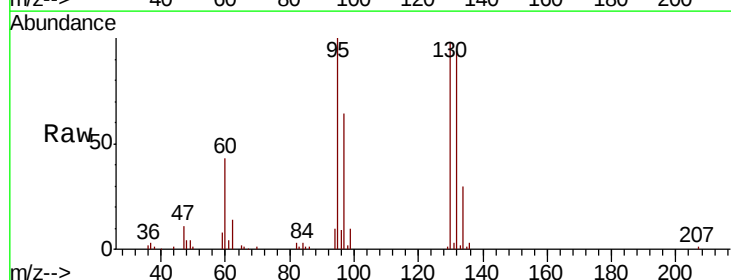
RT: 8.82 min Scan# 2192

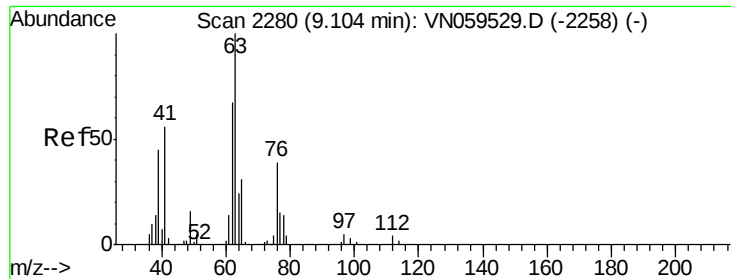
Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion:	130	Resp:	84168
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	202.0





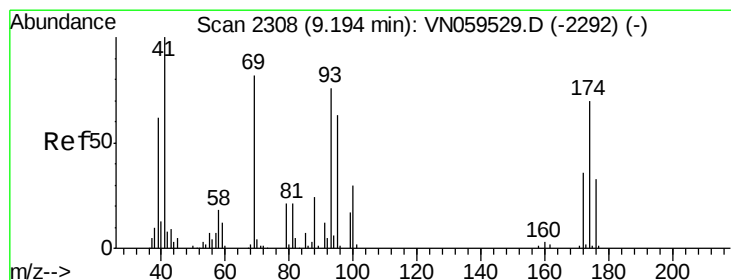
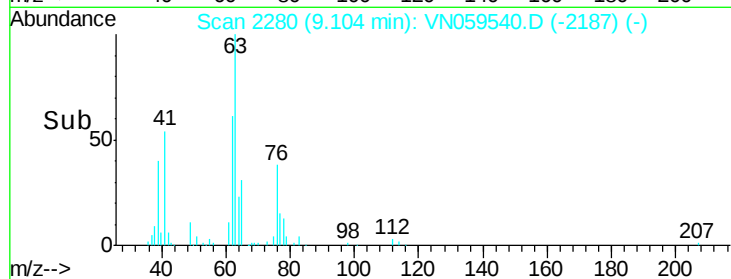
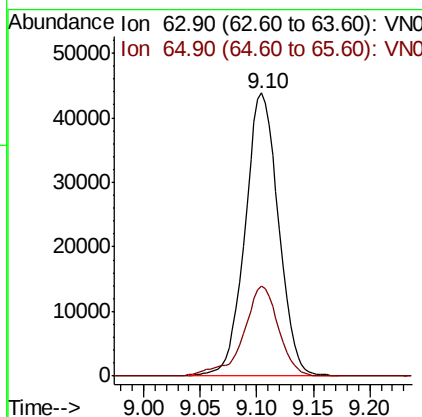
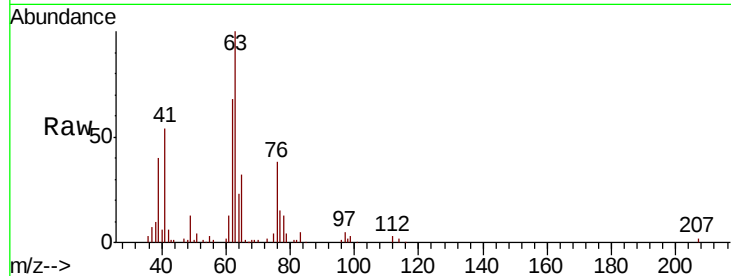
#45
 1,2-Dichloropropane
 Concen: 22.164 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion: 63 Resp: 90146
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2

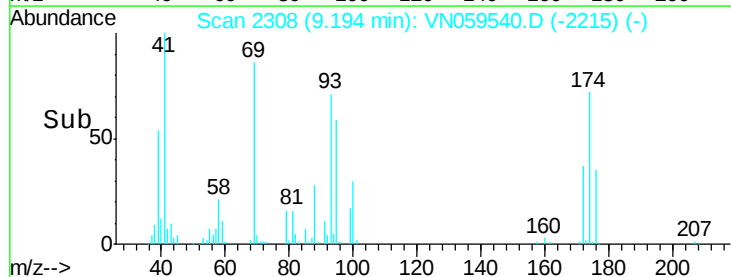
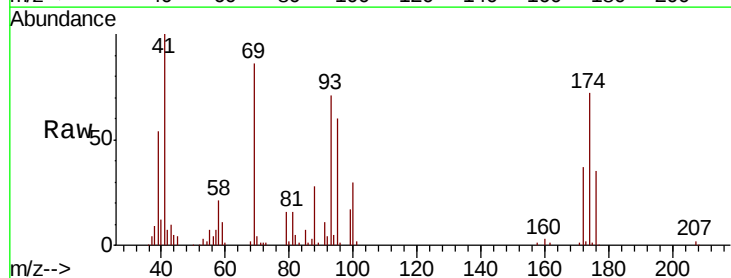
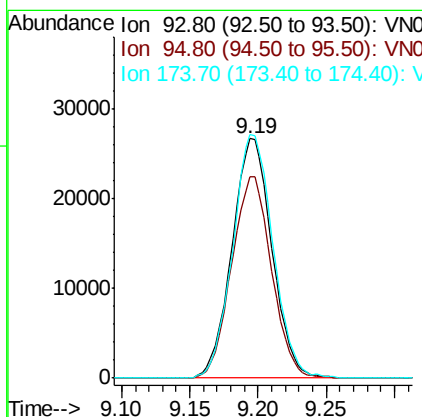
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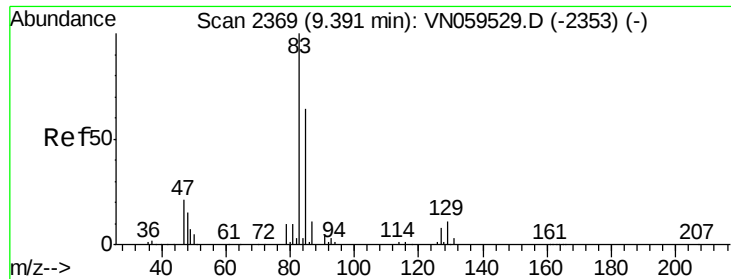
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#46
 Dibromomethane
 Concen: 20.245 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 93 Resp: 54418
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.6
 174 101.9 75.6 113.4





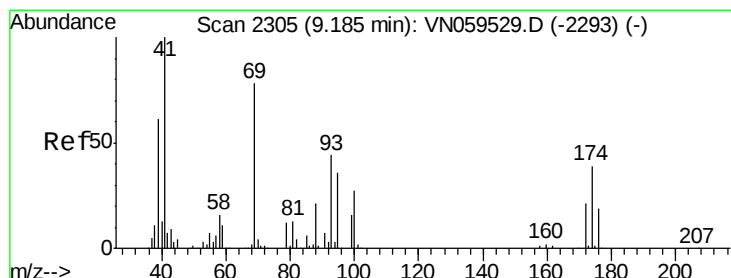
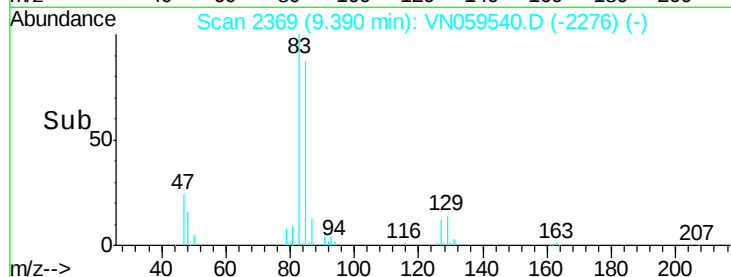
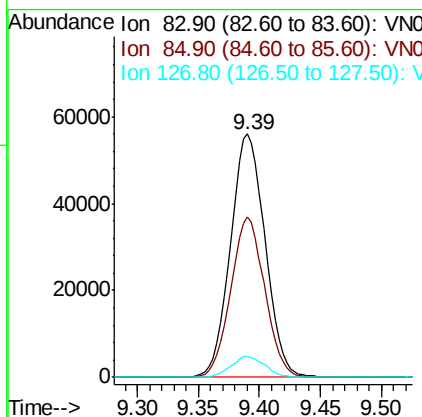
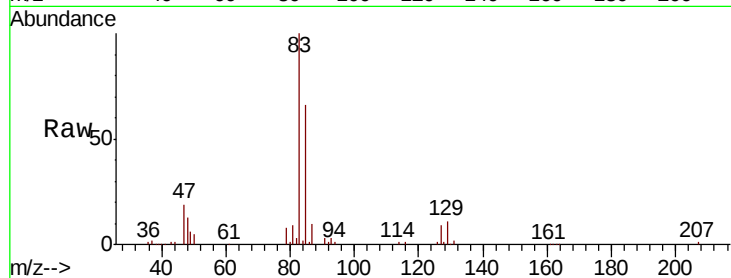
#47
Bromodichloromethane
Concen: 20.676 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	83	Resp	110452
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	51.4	77.0
127	8.7	6.7	10.1

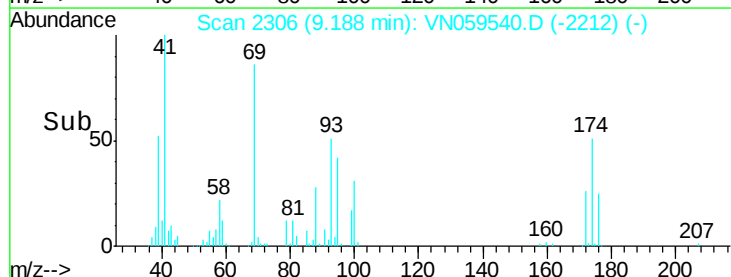
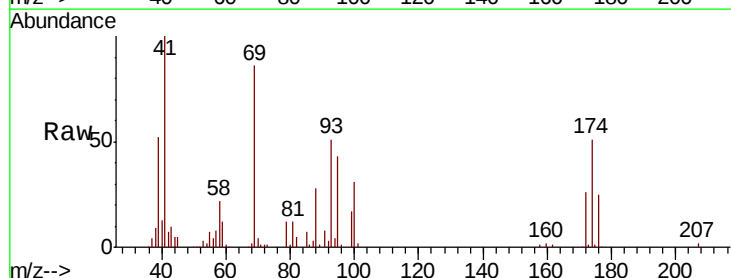
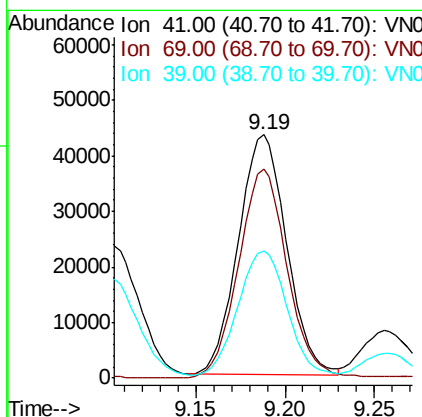
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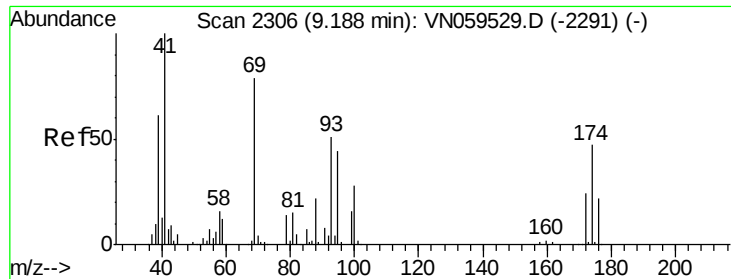
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#48
Methyl methacrylate
Concen: 20.232 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	41	Resp	82069
Ion Ratio	100	Lower	Upper
41	100		
69	87.5	64.0	96.0
39	53.9	50.0	75.0





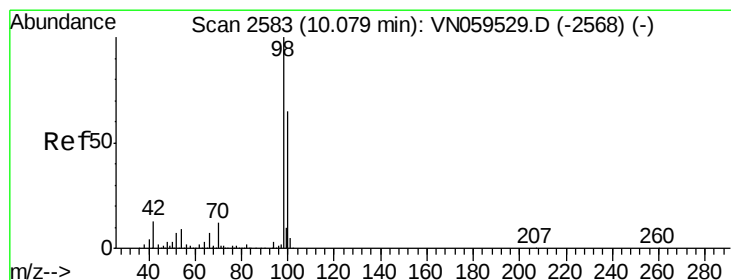
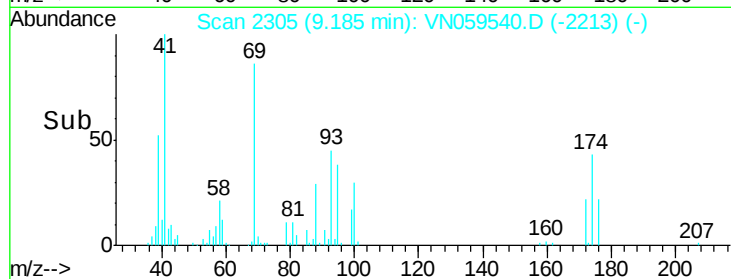
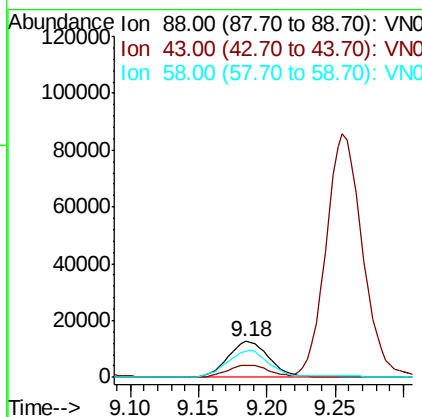
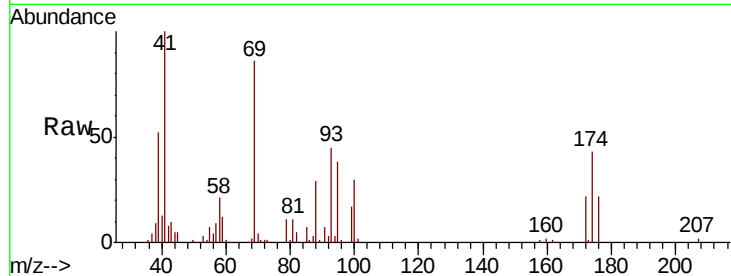
#49
1,4-Dioxane
Concen: 516.257 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	31.4	47.0
58	75.2	61.0	91.6

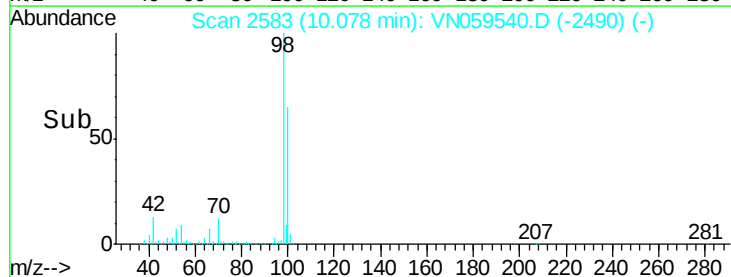
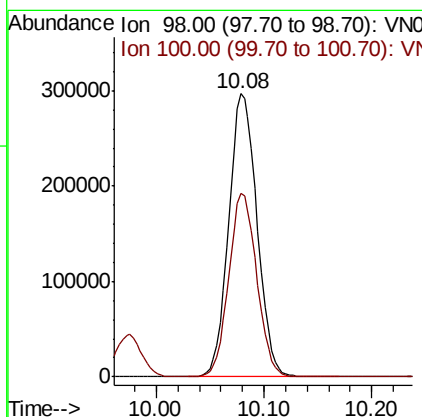
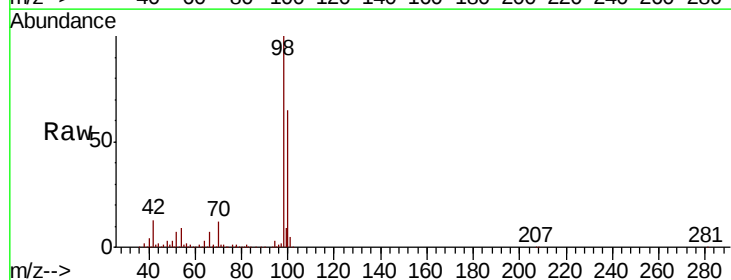
Manual Integrations
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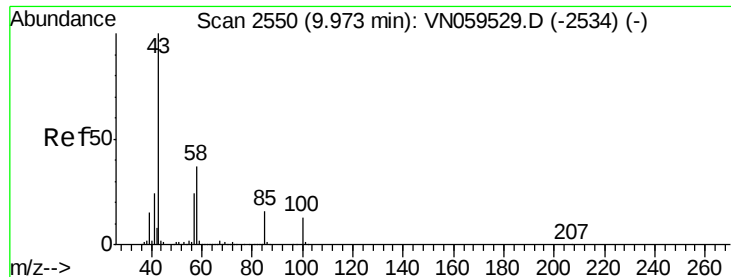
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#50
Toluene-d8
Concen: 42.505 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 95.529 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 43 Resp: 566061

Ion Ratio Lower Upper

43 100

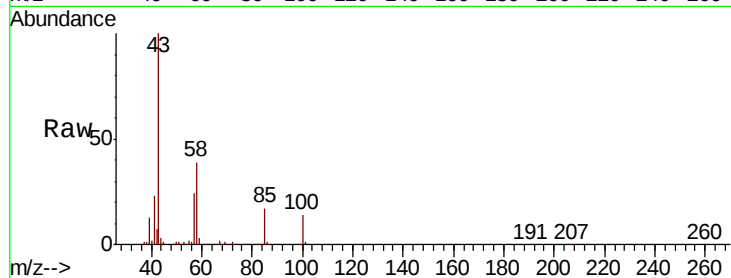
58 37.9 30.1 45.1

Manual Integrations

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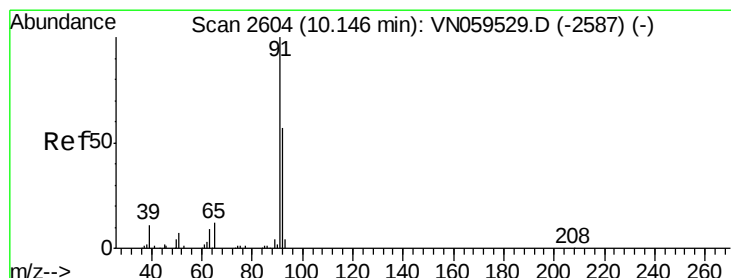
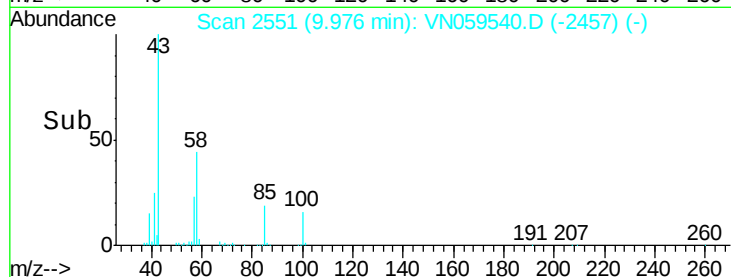
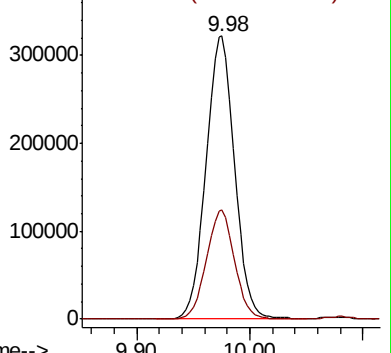
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.694 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059540.D

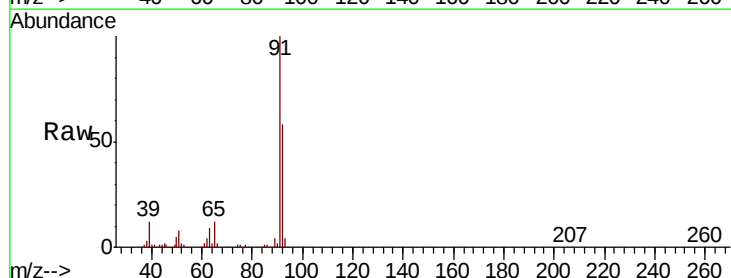
Acq: 10 Dec 2019 12:36

Tgt Ion: 92 Resp: 161864

Ion Ratio Lower Upper

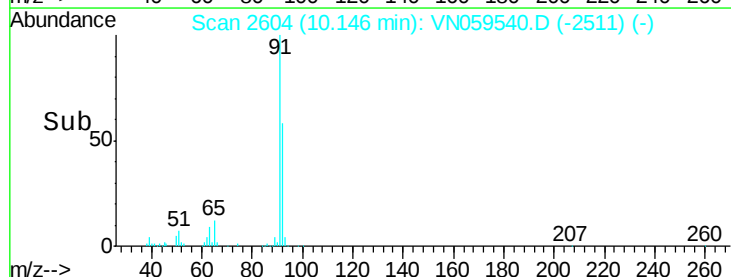
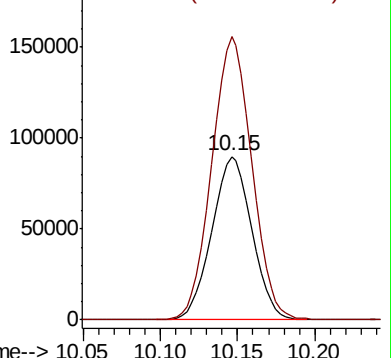
92 100

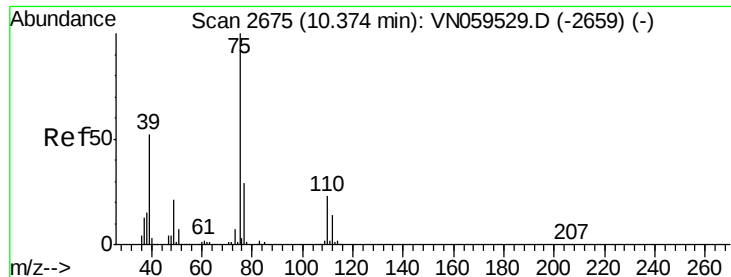
91 173.9 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.228 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 75 Resp: 107228

Ion Ratio Lower Upper

75 100

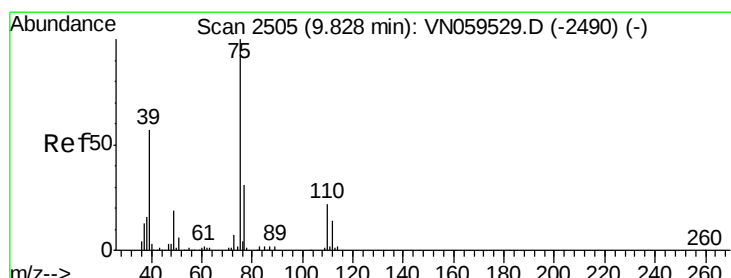
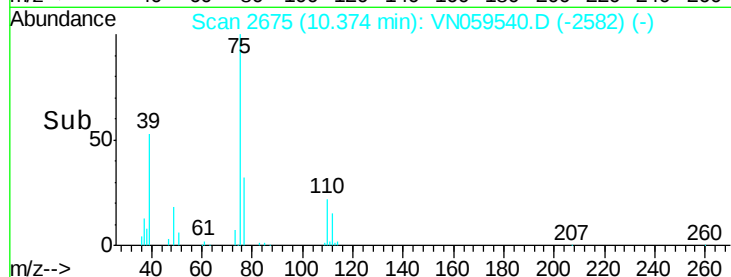
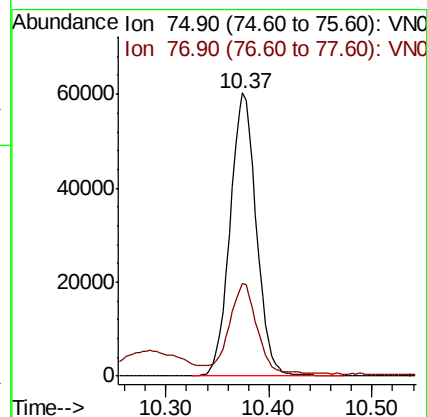
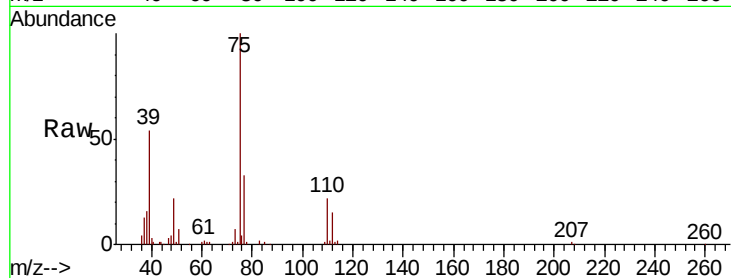
77 32.0 24.5 36.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.498 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

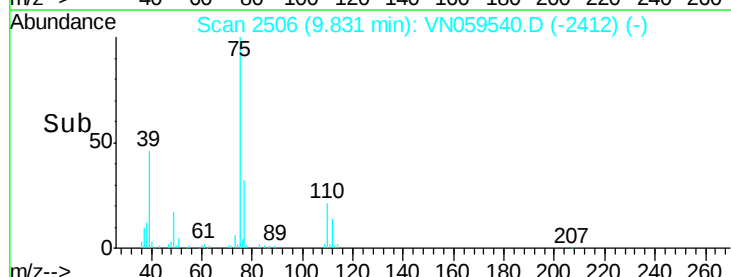
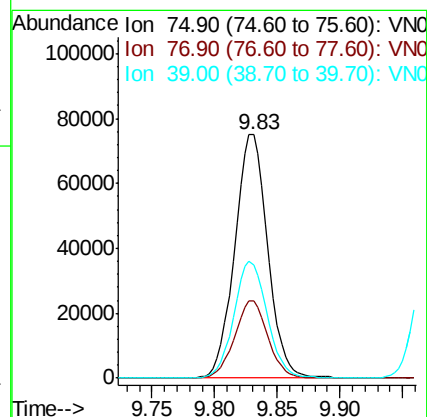
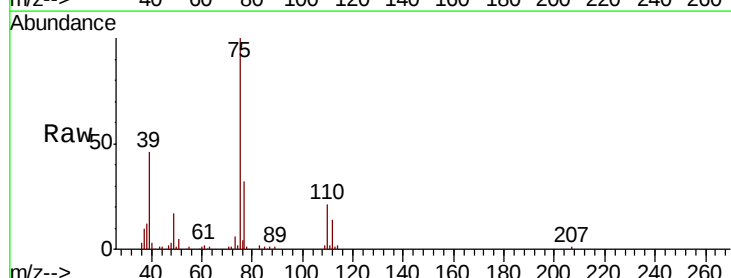
Tgt Ion: 75 Resp: 136949

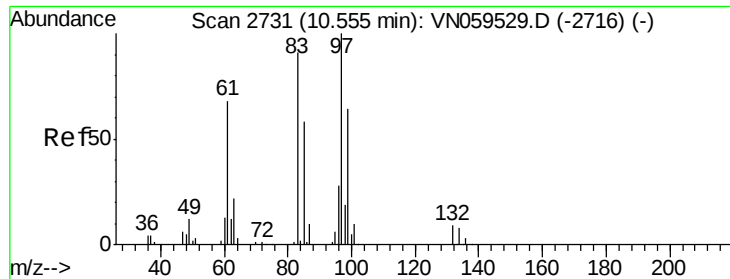
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 46.5 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 17.351 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

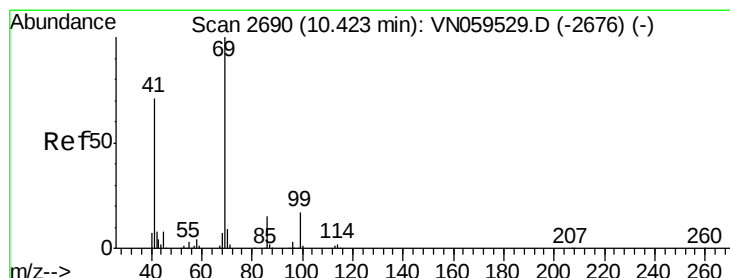
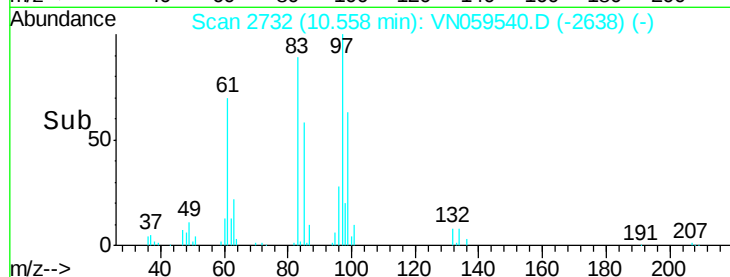
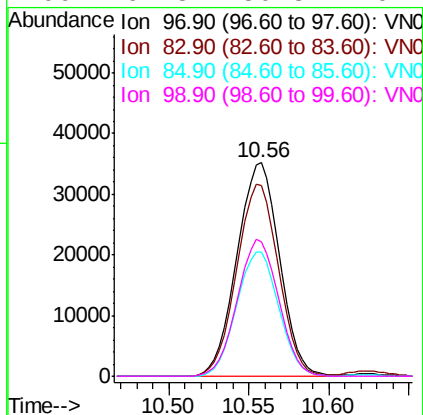
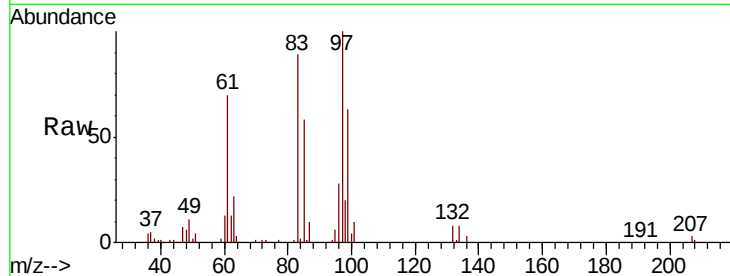
ClientSampleId :

VN1210MBS01

Tot Ion:	97	Resp:	64193
Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.9	109.3
85	58.3	46.1	69.1
99	62.8	50.8	76.2

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#56

Ethyl methacrylate

Concen: 16.268 ug/l

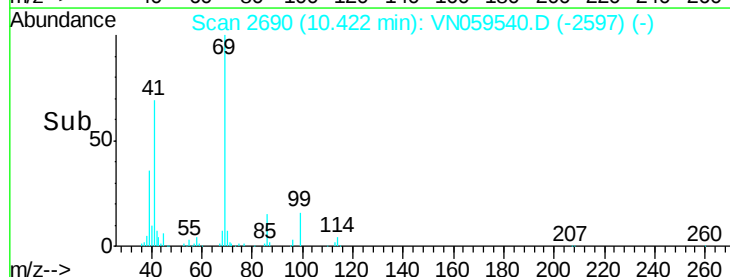
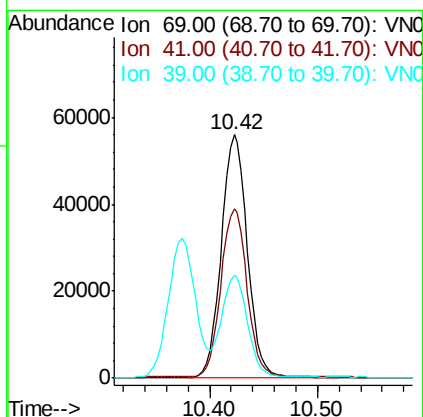
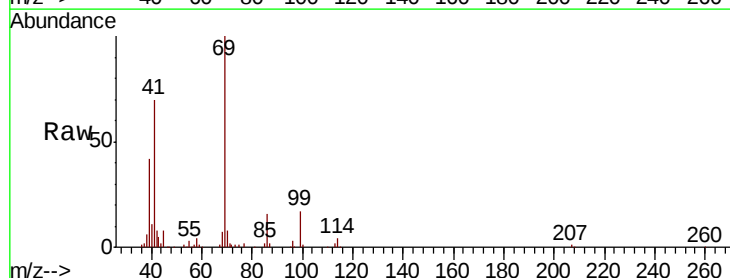
RT: 10.42 min Scan# 2690

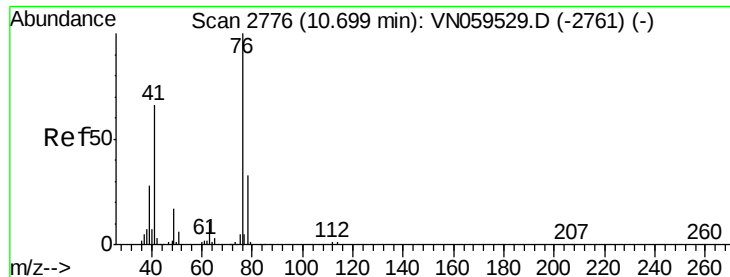
Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion:	69	Resp:	94132
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.7	86.5
39	42.0	34.2	51.2





#57

1,3-Dichloropropane

Concen: 17.393 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 76 Resp: 109901

Ion Ratio Lower Upper

76 100

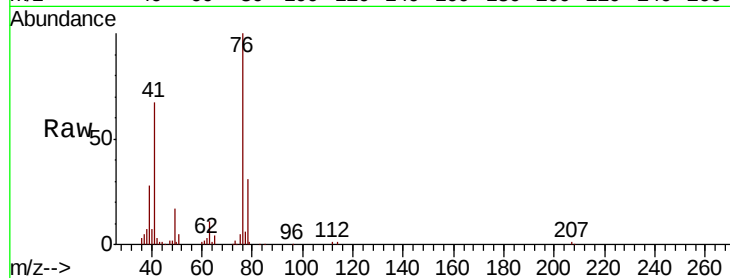
78 32.9 26.1 39.1

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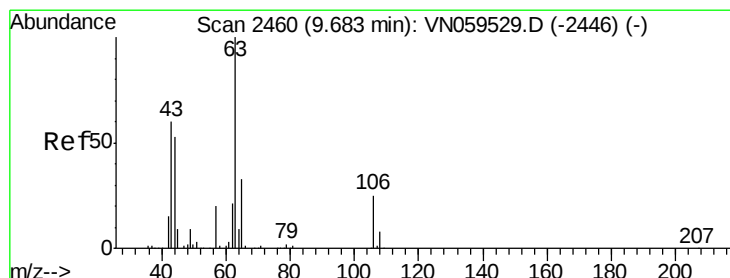
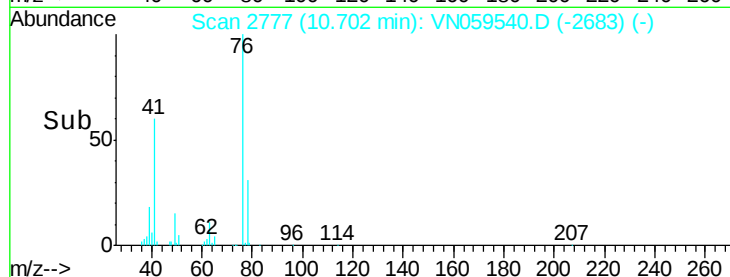
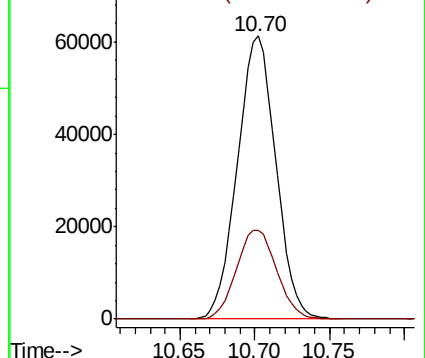
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 120.238 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059540.D

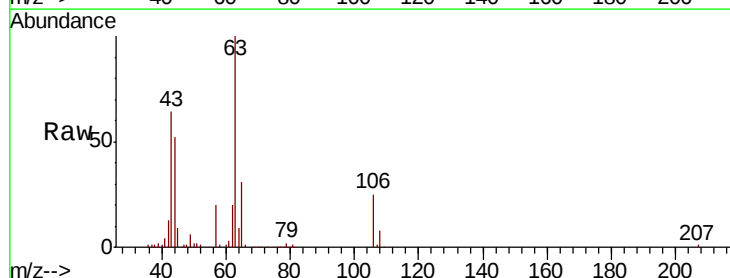
Acq: 10 Dec 2019 12:36

Tgt Ion: 63 Resp: 182237

Ion Ratio Lower Upper

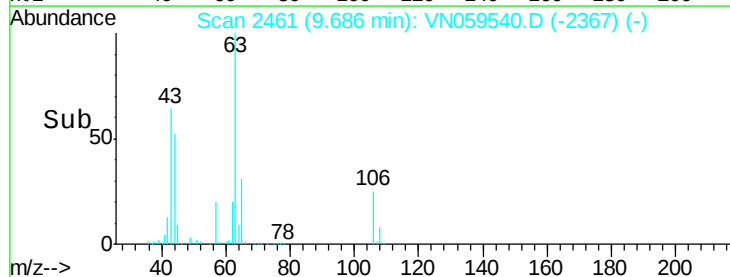
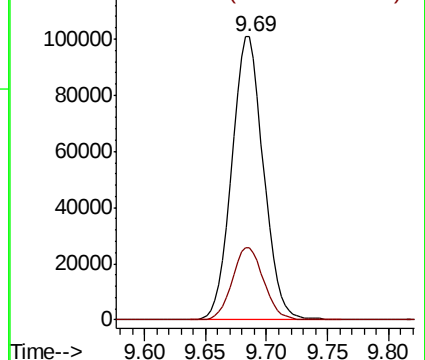
63 100

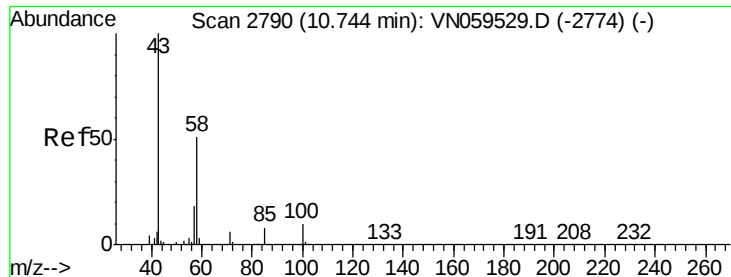
106 25.5 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





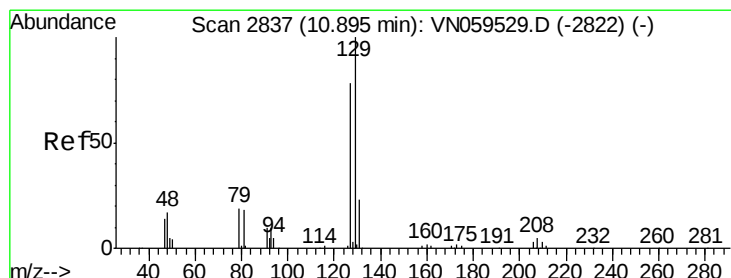
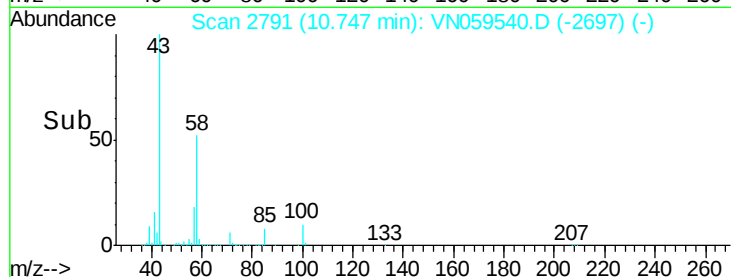
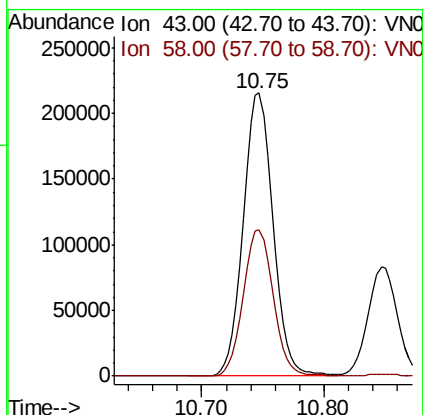
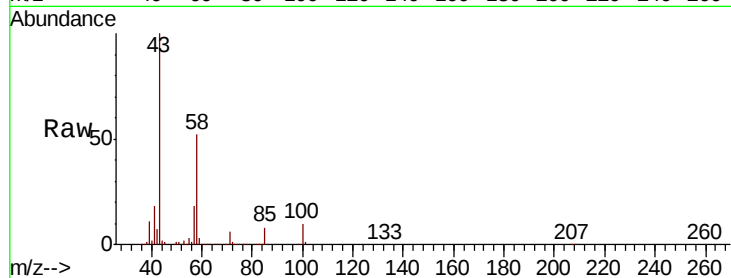
#59
2-Hexanone
Concen: 81.837 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion: 43 Resp: 361692
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.6

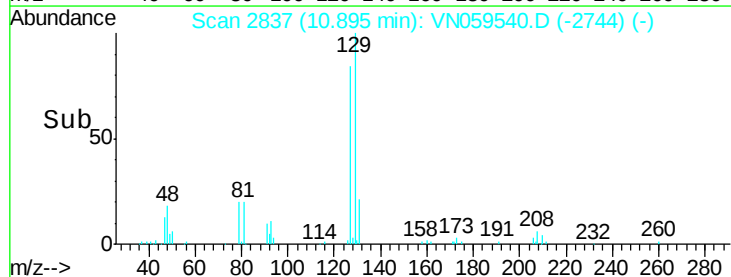
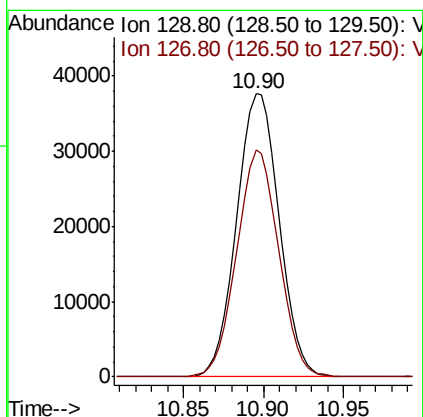
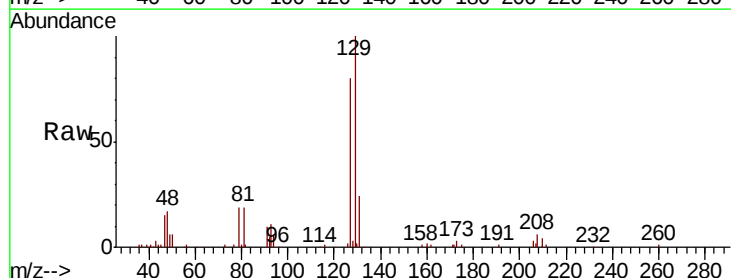
Manual Integrations
APPROVED

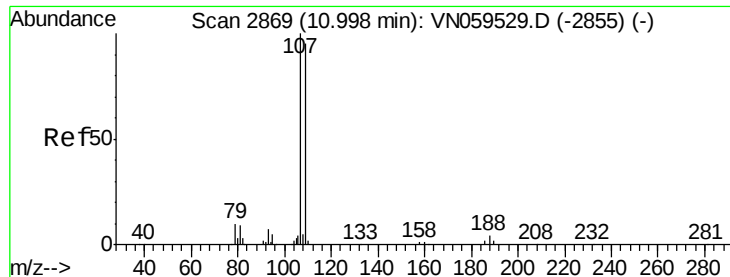
apatel
12/11/2019 2:15:51 PM



#60
Dibromochloromethane
Concen: 16.192 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 129 Resp: 68300
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.6





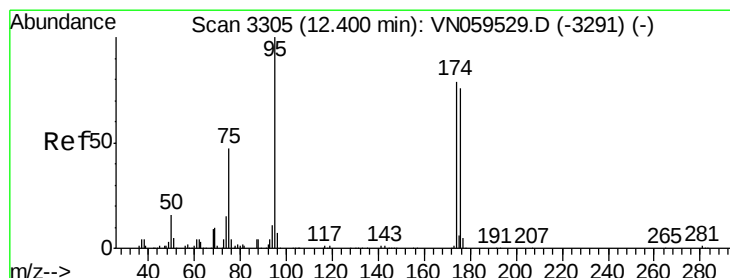
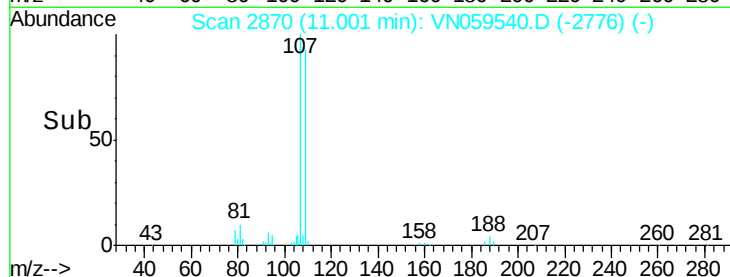
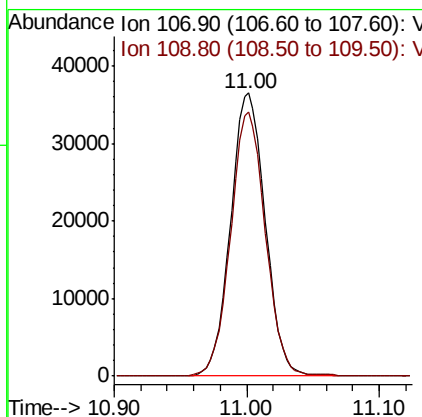
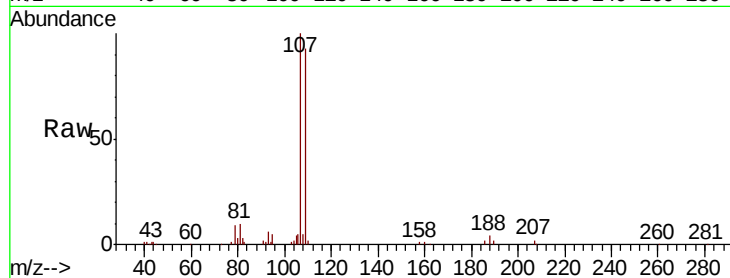
#61
 1,2-Dibromoethane
 Concen: 17.205 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion: 107 Resp: 66264
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.1 114.1

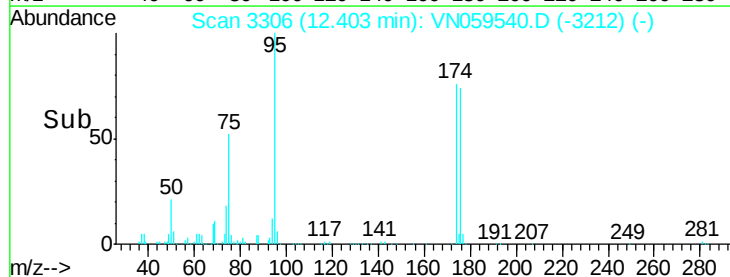
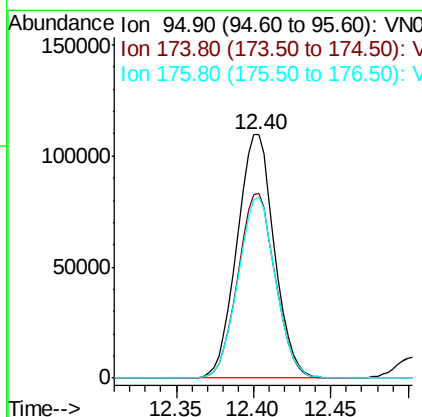
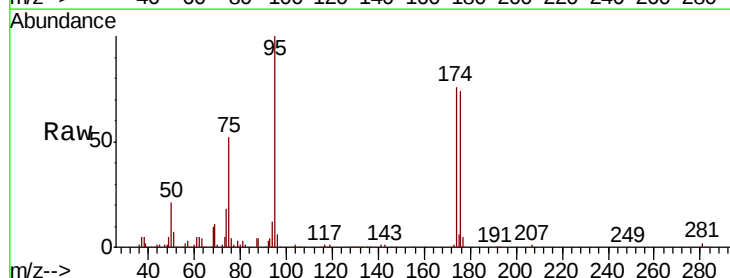
Manual Integrations
 APPROVED

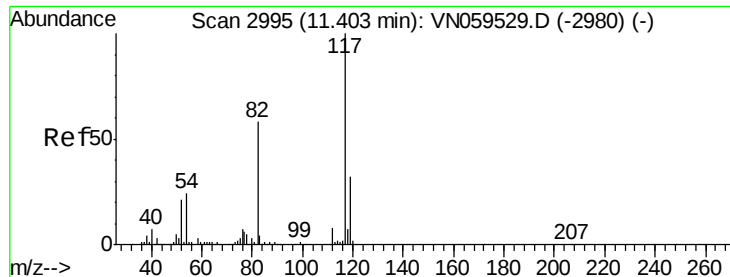
apatel
 12/11/2019 2:15:51 PM



#62
 4-Bromofluorobenzene
 Concen: 38.936 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion: 95 Resp: 183933
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 158.0
 176 74.4 0.0 155.4





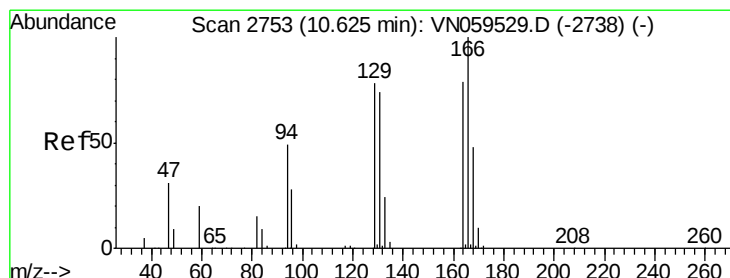
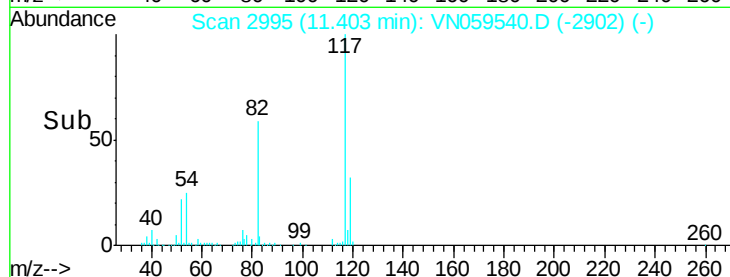
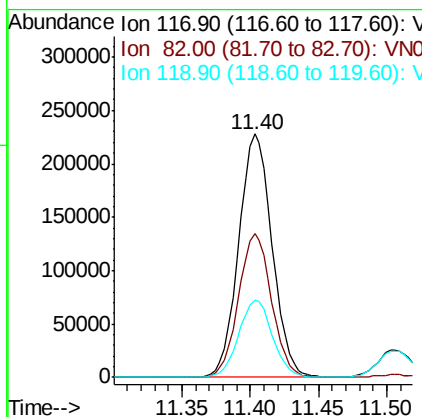
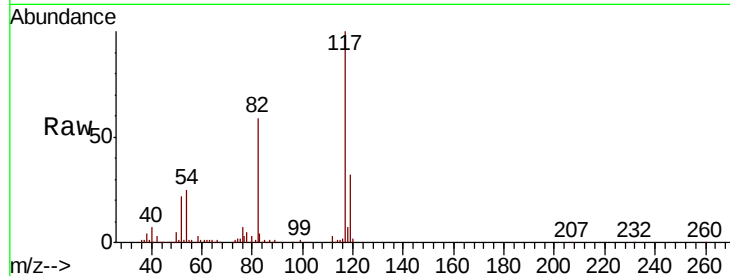
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.5	69.7
119	31.7	25.2	37.8

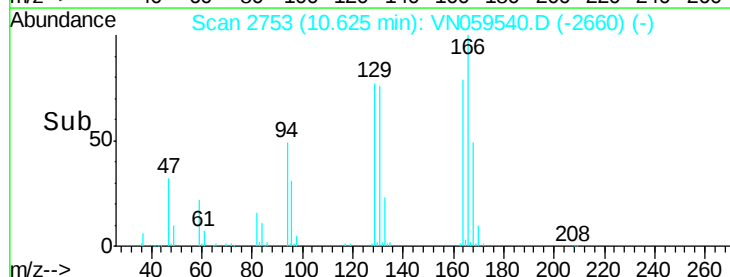
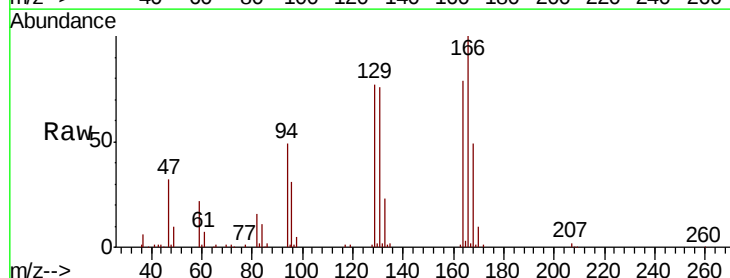
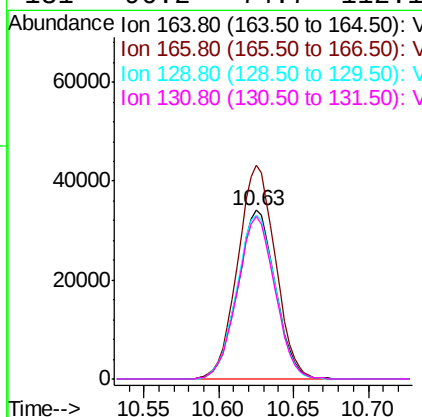
Manual Integrations
APPROVED

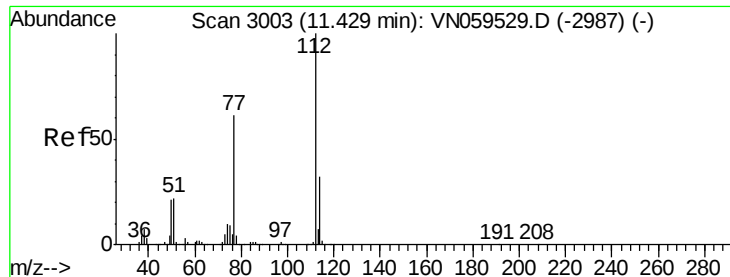
apatel
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#64
Tetrachloroethene
Concen: 21.189 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.6	152.4
129	97.6	79.0	118.6
131	96.2	74.7	112.1





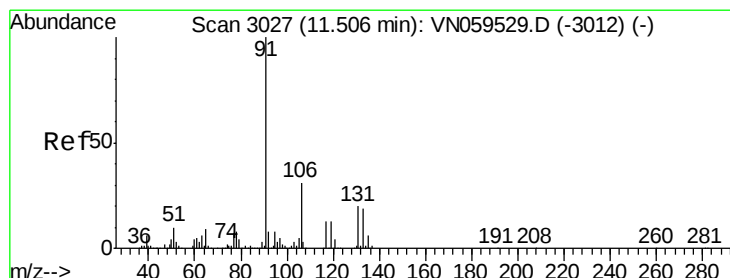
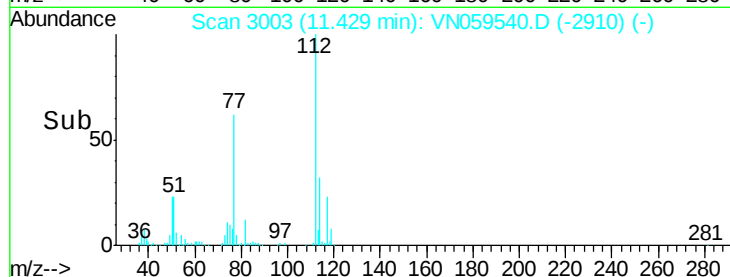
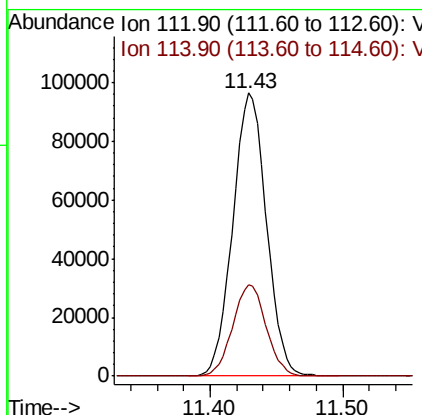
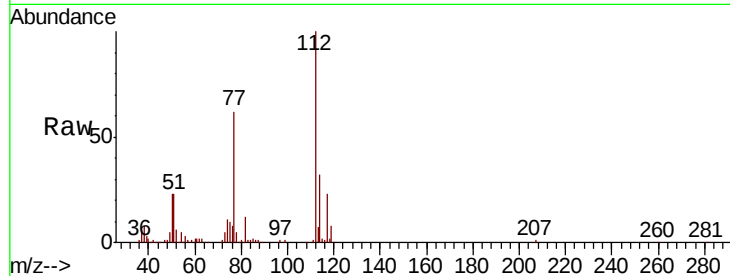
#65
Chlorobenzene
Concen: 20.926 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.0	39.0

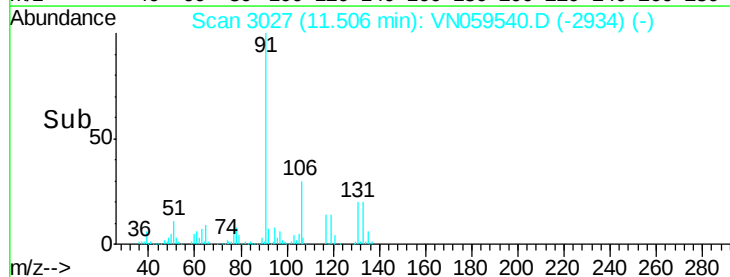
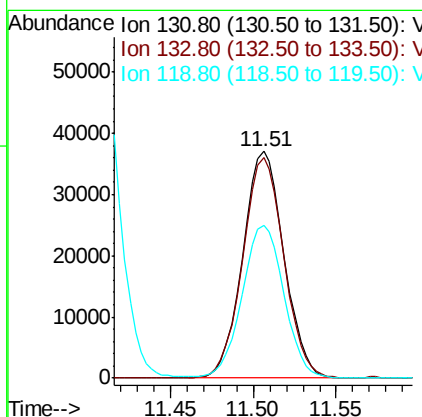
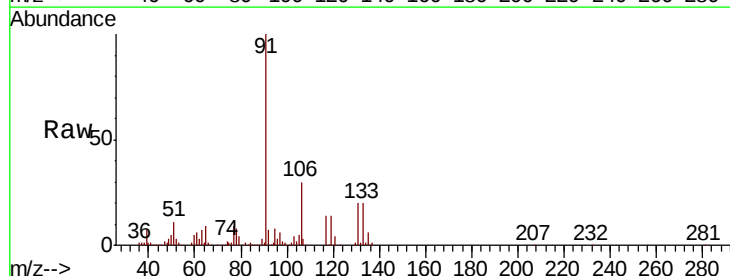
Manual Integrations
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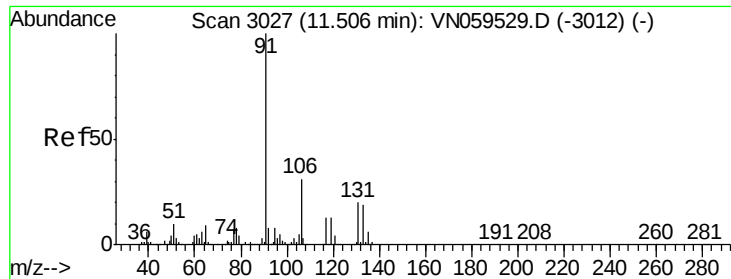
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.124 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.8	143.3
119	68.4	33.4	100.2





#67

Ethyl Benzene

Concen: 21.326 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 91 Resp: 311543

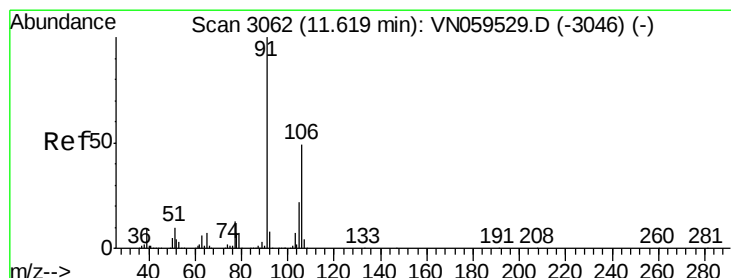
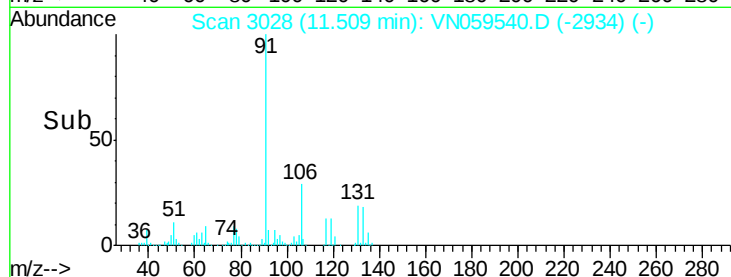
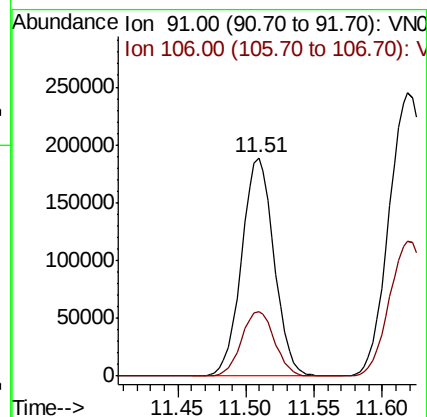
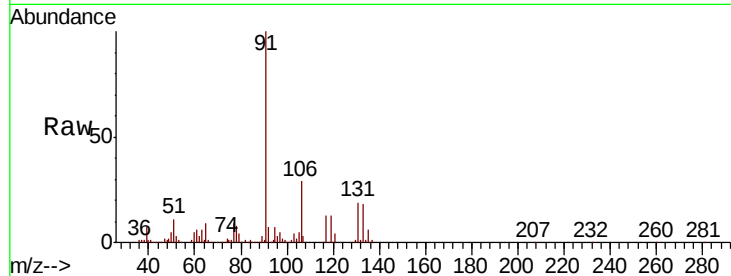
Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7

Manual Integrations
APPROVED

apatel
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#68

m/p-Xylenes

Concen: 41.676 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059540.D

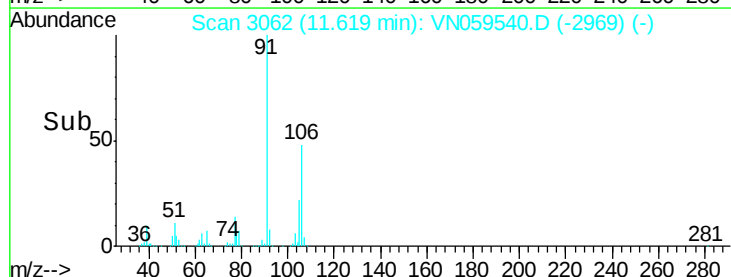
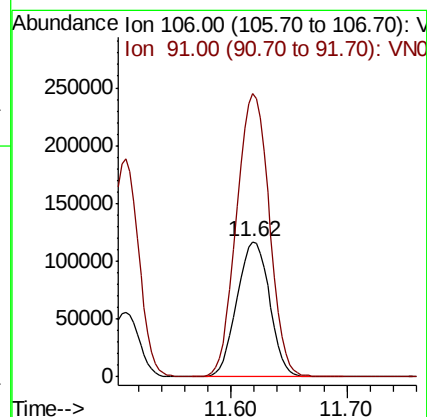
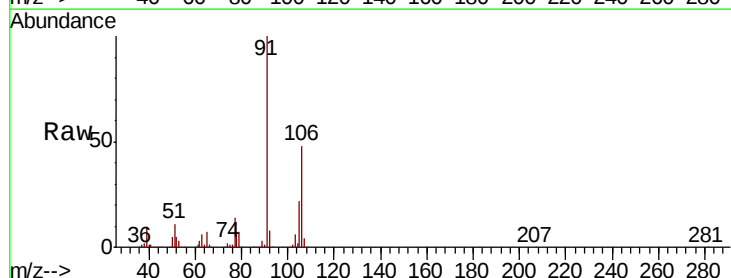
Acq: 10 Dec 2019 12:36

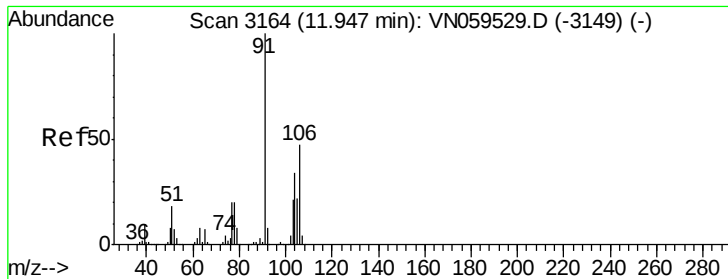
Tgt Ion: 106 Resp: 228387

Ion Ratio Lower Upper

106 100

91 209.5 162.9 244.3





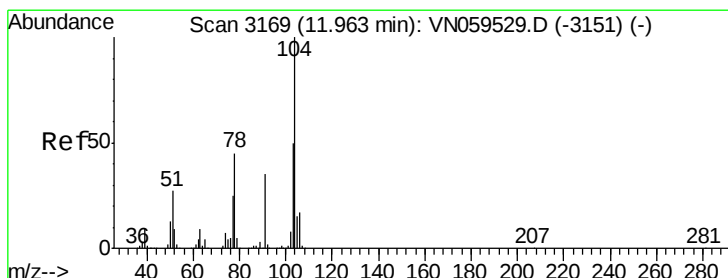
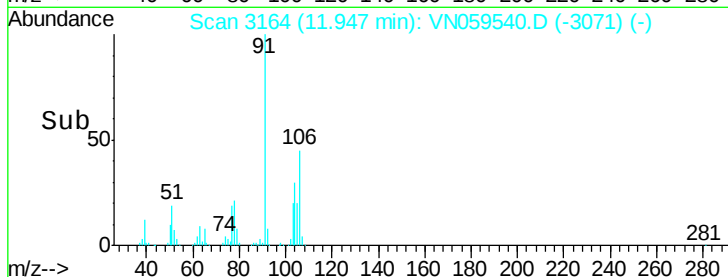
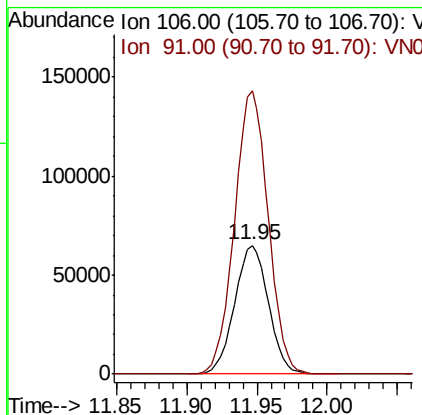
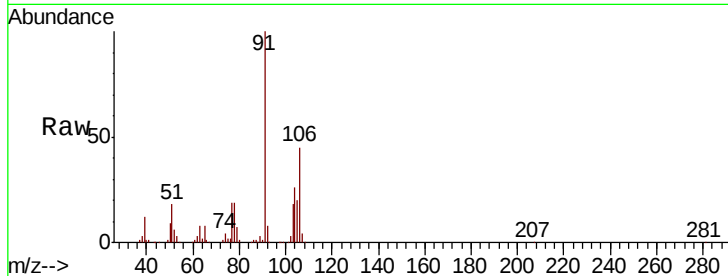
#69
o-Xylene
Concen: 21.367 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.7	106.7	319.9

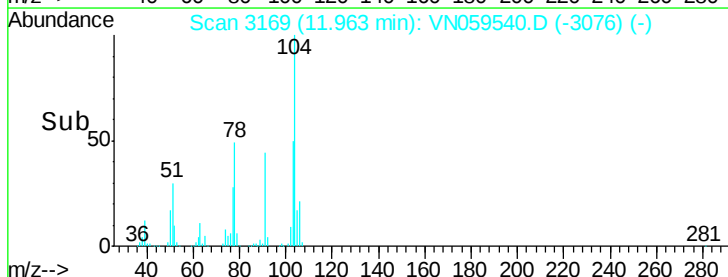
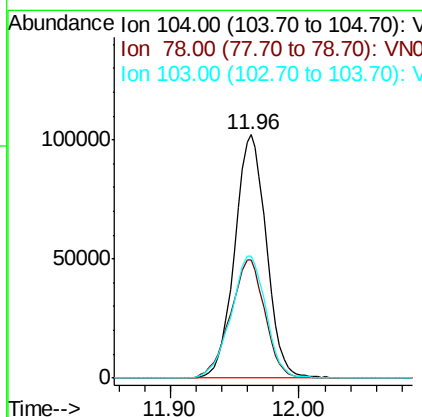
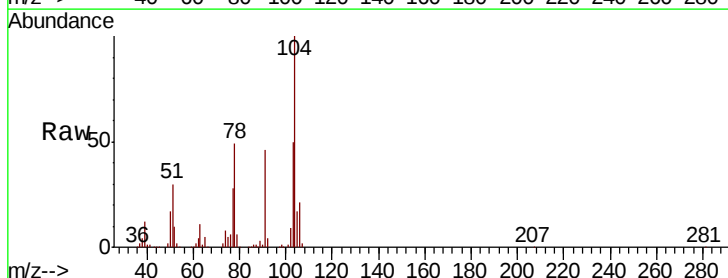
Manual Integrations
APPROVED

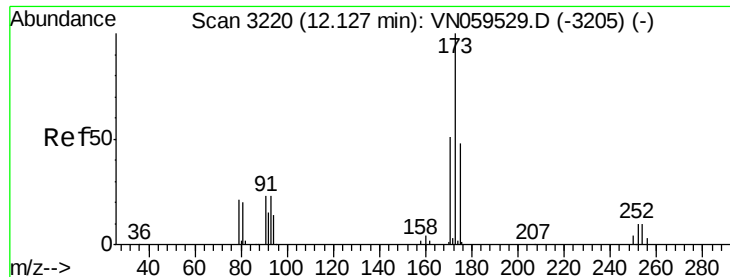
apatel
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#70
Styrene
Concen: 20.637 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.3	40.6	60.8
103	55.4	43.9	65.9





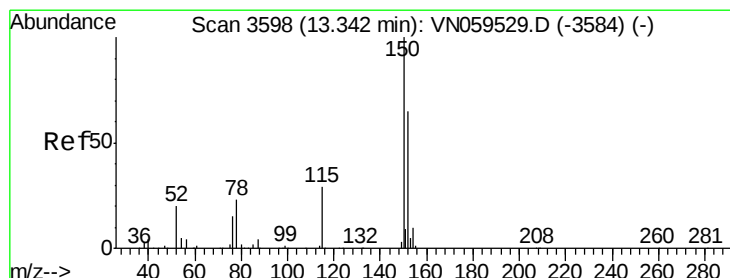
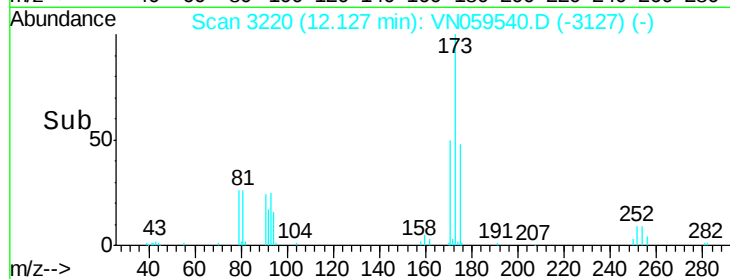
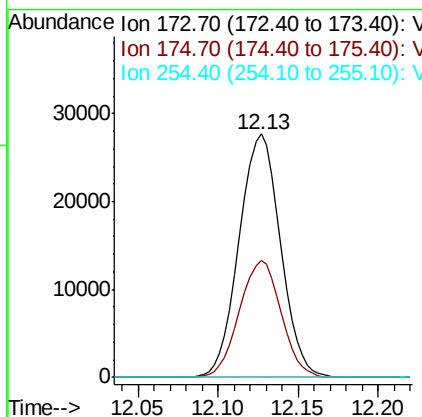
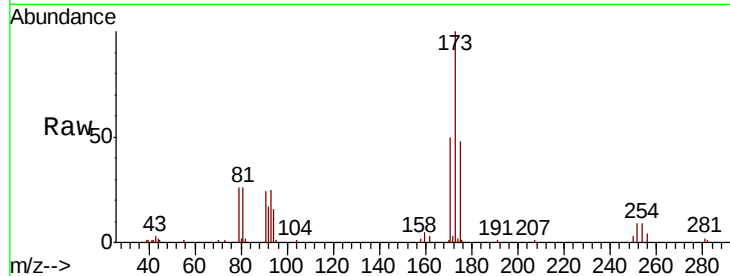
#71
Bromoform
Concen: 20.497 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.0	0.0	0.0

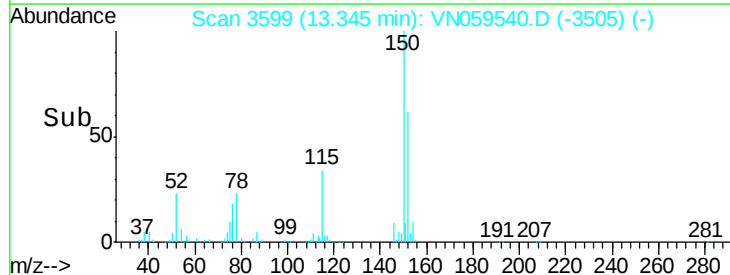
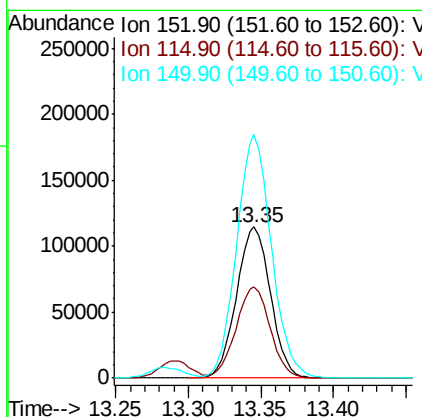
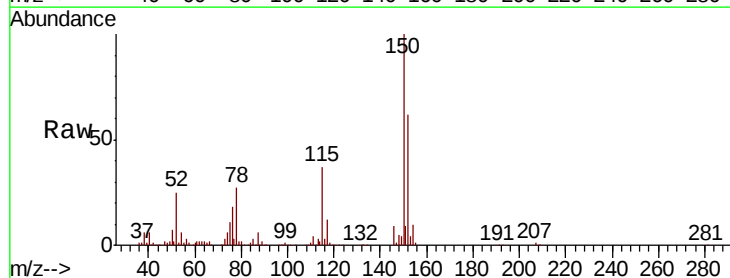
Manual Integrations
APPROVED

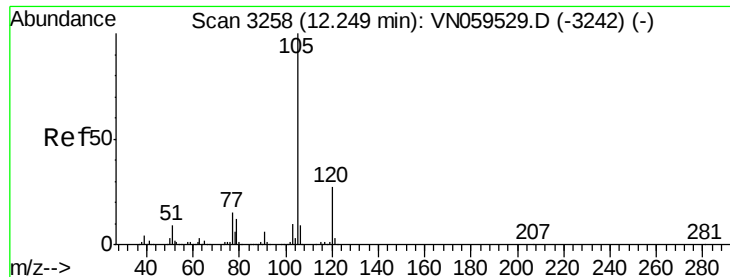
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.4	88.2
150	165.2	0.0	342.4





#73

Isopropylbenzene

Concen: 21.079 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBS01

Tot Ion: 105 Resp: 295716

Ion Ratio Lower Upper

105 100

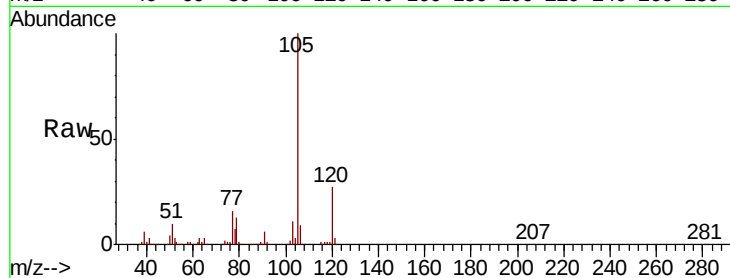
120 26.2 13.2 39.5

Manual Integrations

APPROVED

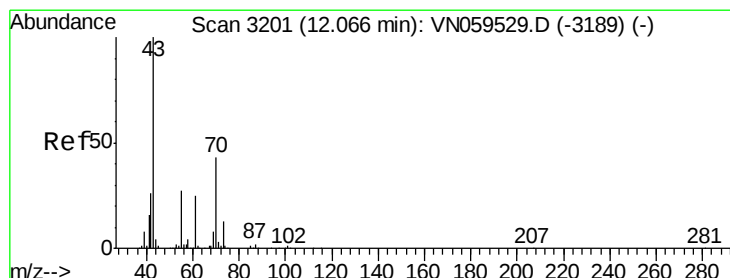
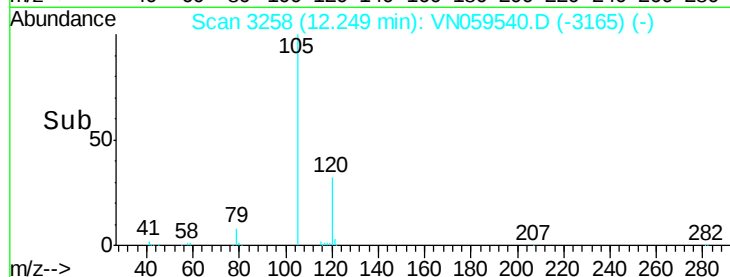
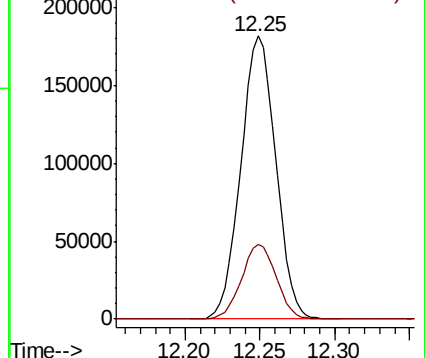
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.708 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion: 43 Resp: 132660

Ion Ratio Lower Upper

43 100

70 39.2 34.2 51.4

55 25.5 21.3 31.9

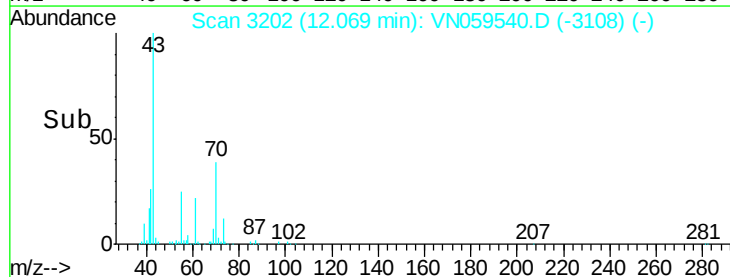
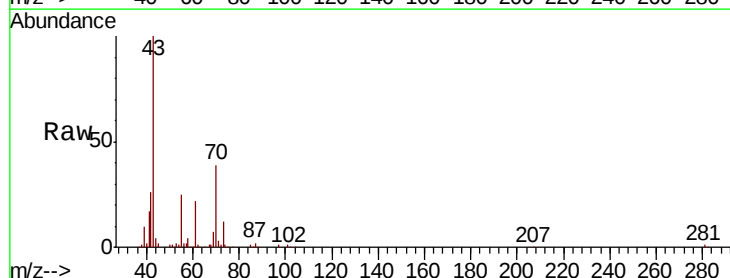
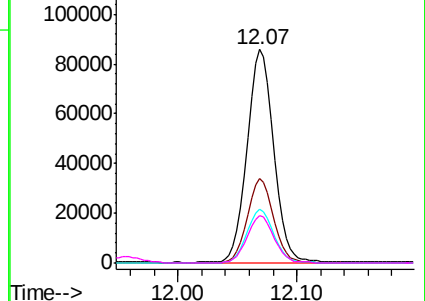
61 22.6 19.8 29.8

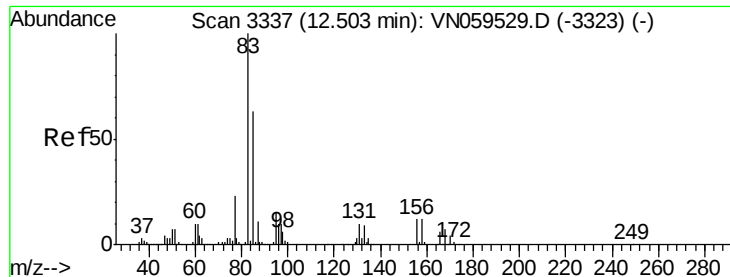
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.148 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

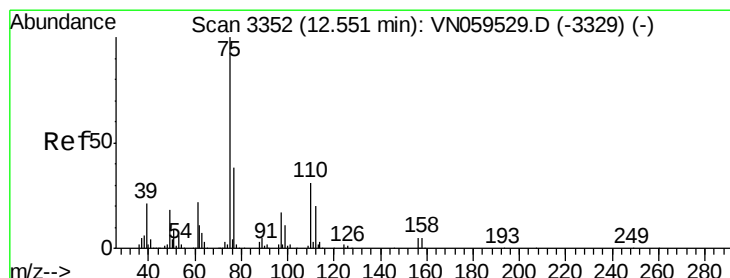
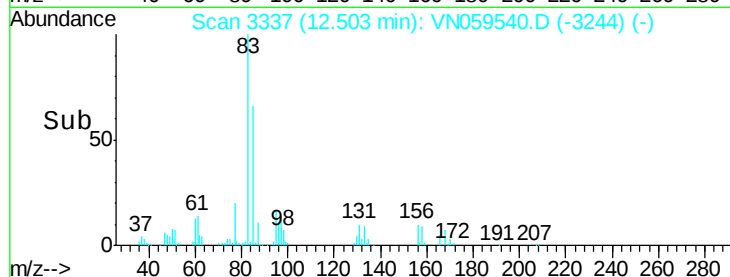
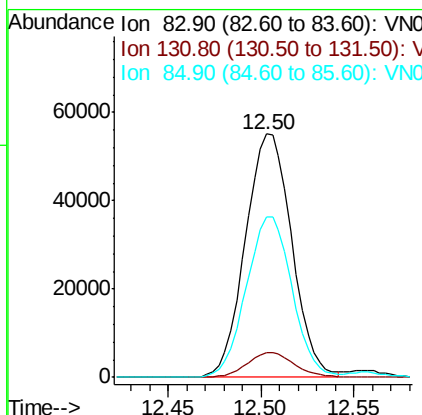
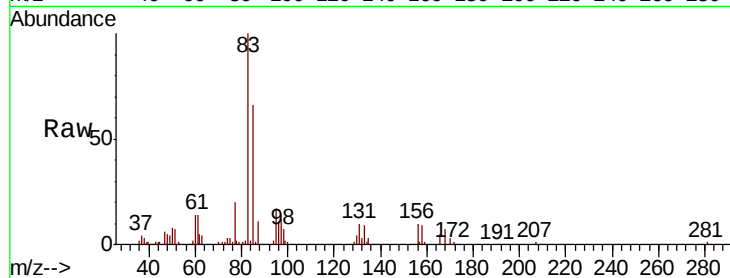
ClientSampleId :

VN1210MBS01

Tot Ion:	83	Resp:	95779
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	65.1	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.549 ug/l m

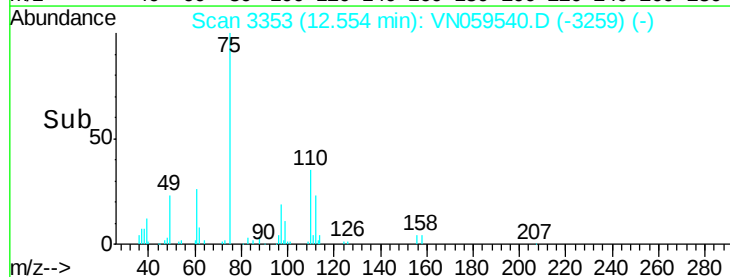
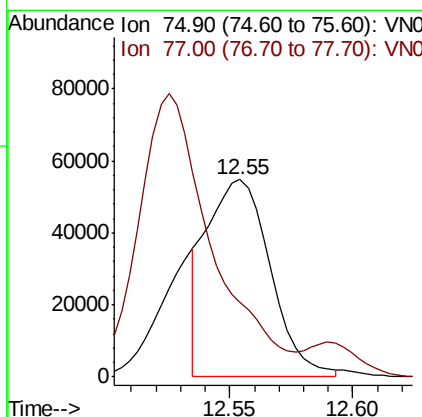
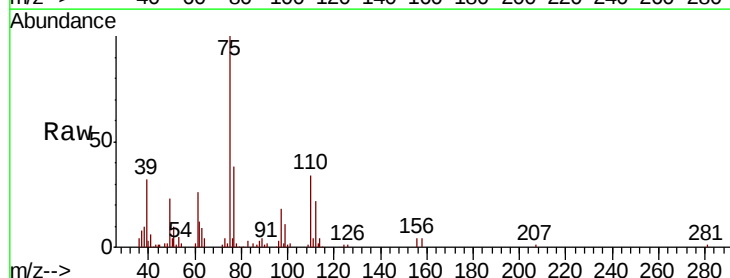
RT: 12.55 min Scan# 3353

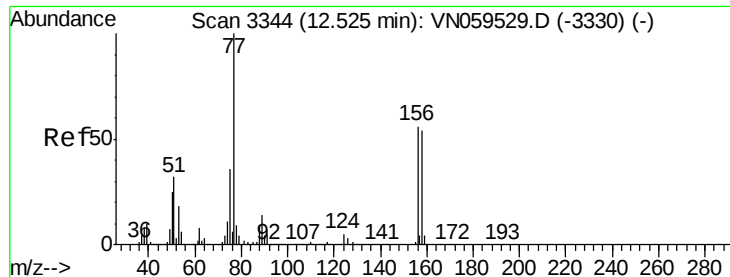
Delta R.T. 0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Tgt Ion:	75	Resp:	98282
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.779 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059540.D

Acq: 10 Dec 2019 12:36

Instrument :

MSVOA_N

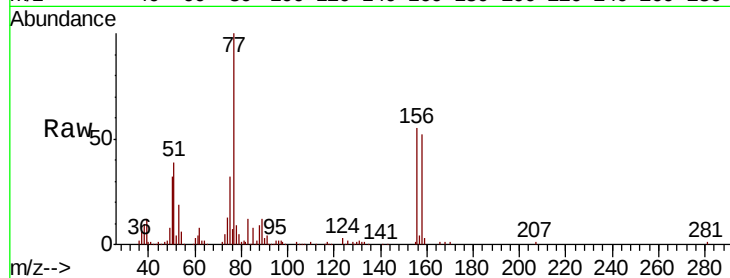
ClientSampleId :

VN1210MBS01

Tot Ion:	156	Resp:	72575
Ion	Ratio	Lower	Upper
156	100		
77	226.3	109.3	327.8
158	94.3	48.6	145.8

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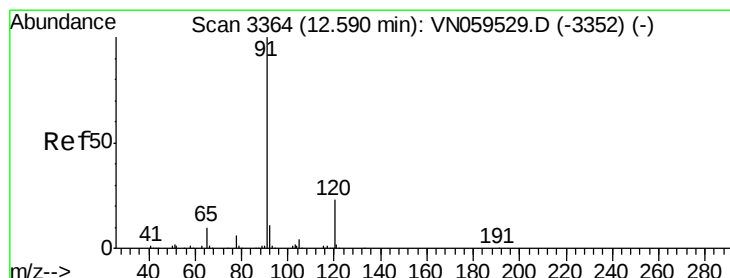
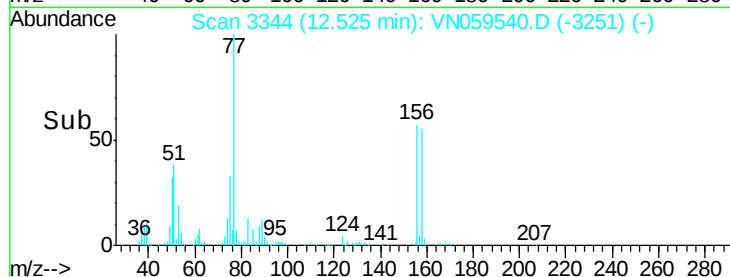
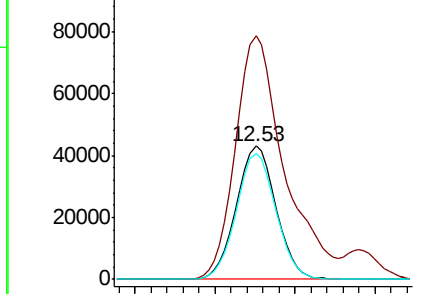
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.632 ug/l

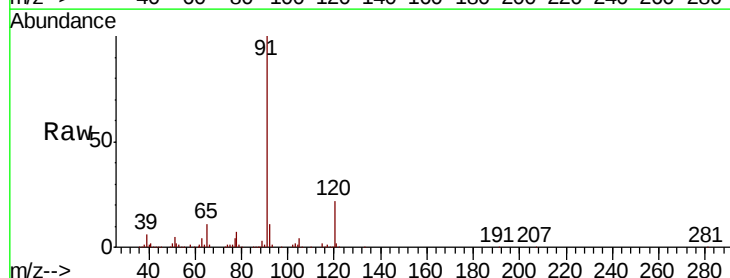
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059540.D

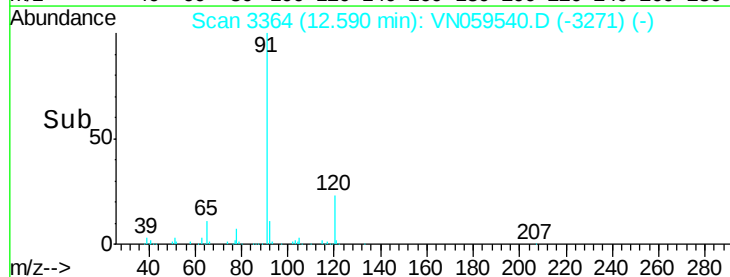
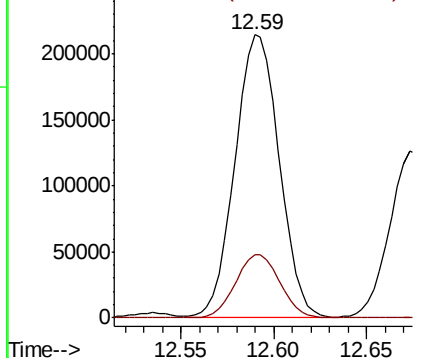
Acq: 10 Dec 2019 12:36

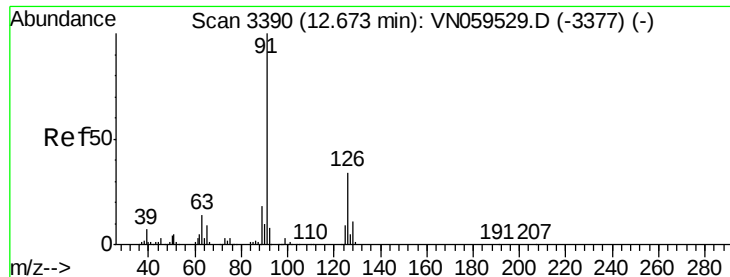
Tgt Ion:	91	Resp:	355681
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





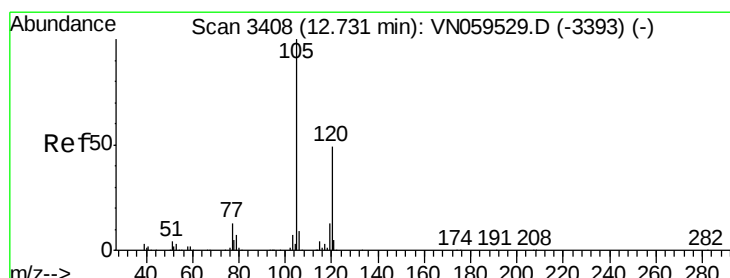
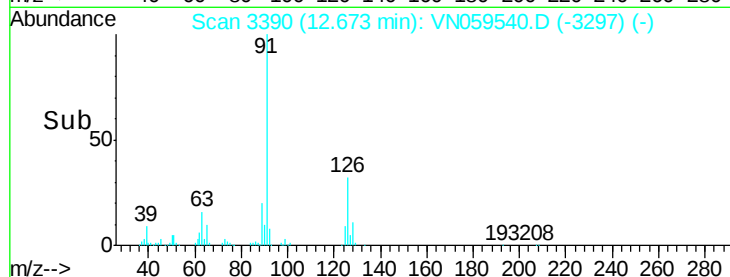
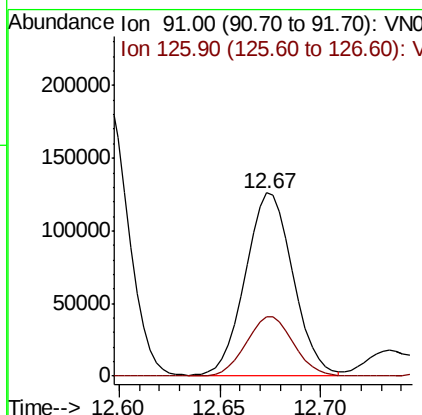
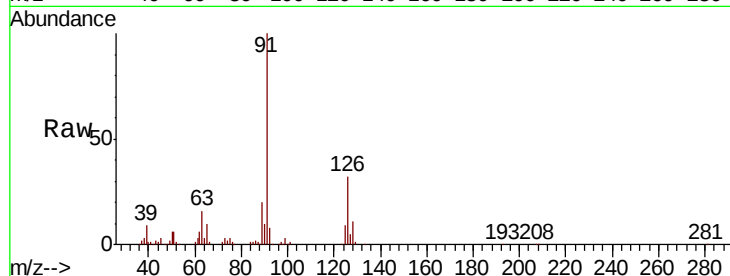
#79
2-Chlorotoluene
Concen: 20.388 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion: 91 Resp: 209587
Ion Ratio Lower Upper
91 100
126 32.3 16.9 50.7

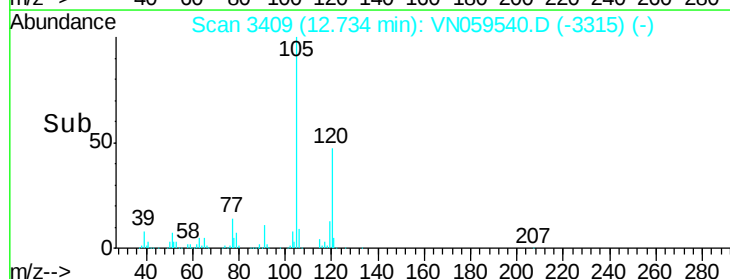
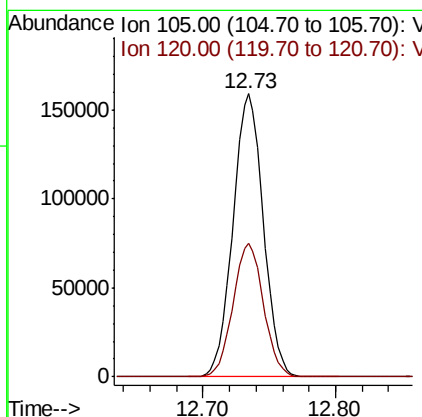
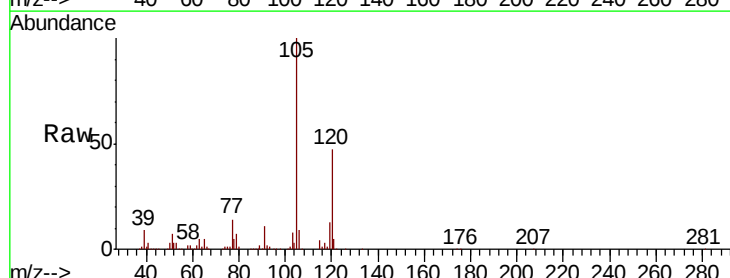
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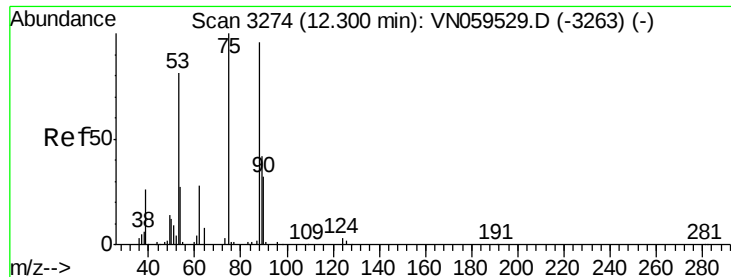
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#80
1,3,5-Trimethylbenzene
Concen: 21.012 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion: 105 Resp: 252783
Ion Ratio Lower Upper
105 100
120 47.2 24.5 73.5





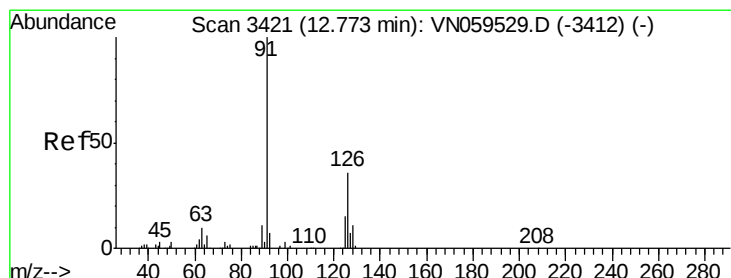
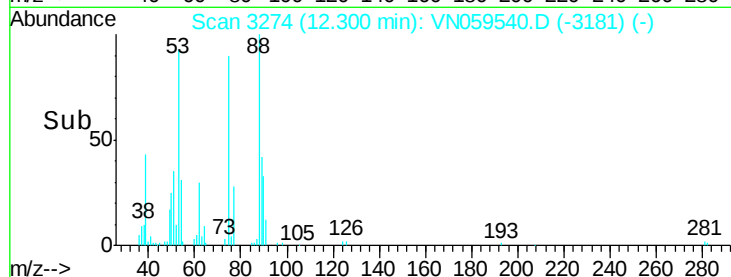
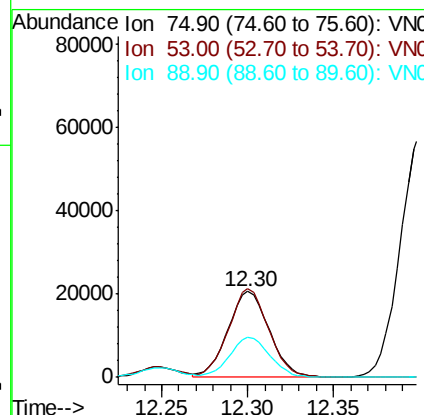
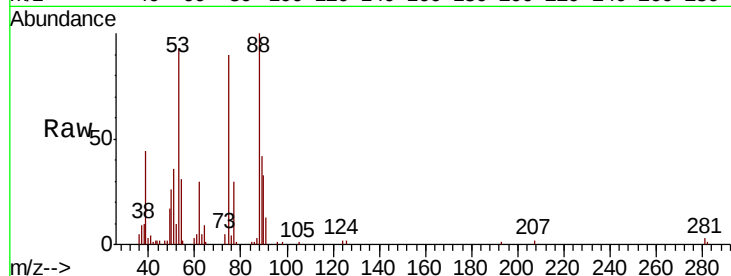
#81
trans-1,4-Dichloro-2-butene
Concen: 19.608 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	67.0	100.6
89	45.2	35.5	53.3

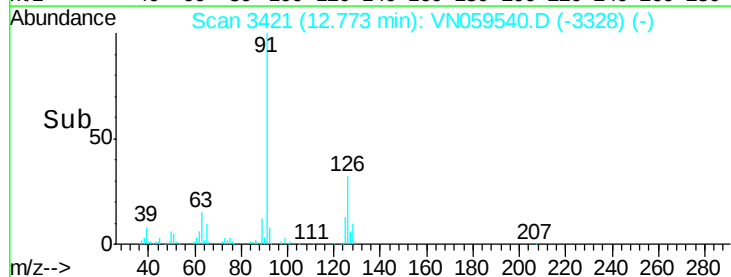
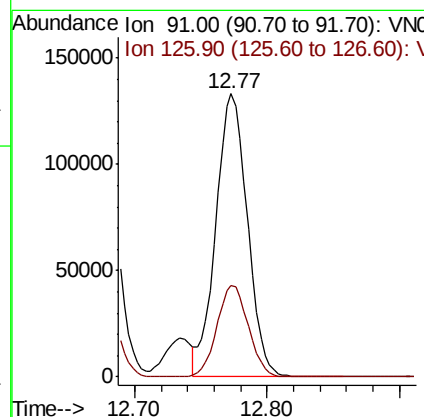
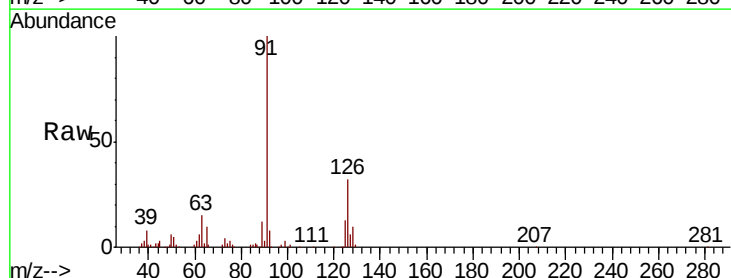
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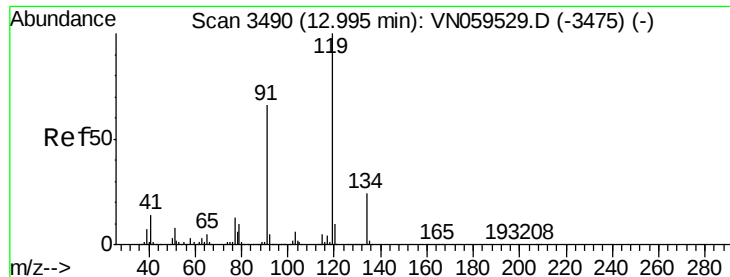
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#82
4-Chlorotoluene
Concen: 20.868 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.4





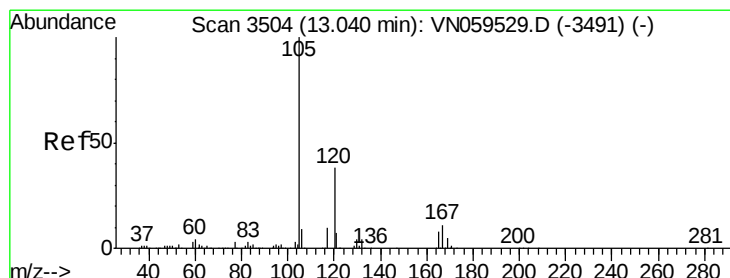
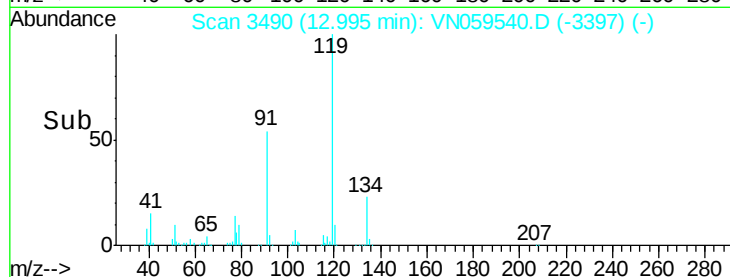
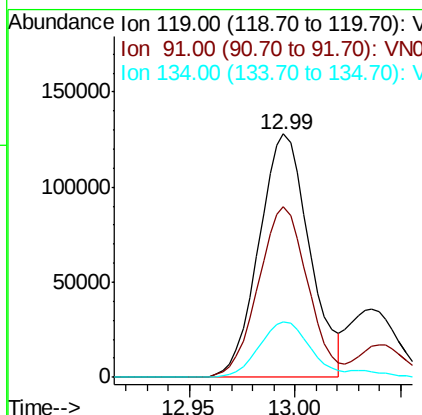
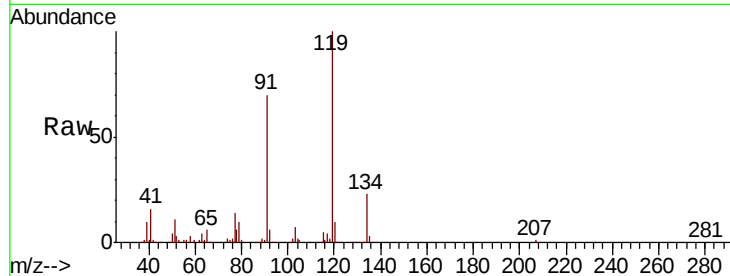
#83
tert-Butylbenzene
Concen: 21.271 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	213394		
91	68.8		32.8	98.4
134	23.2		12.8	38.3

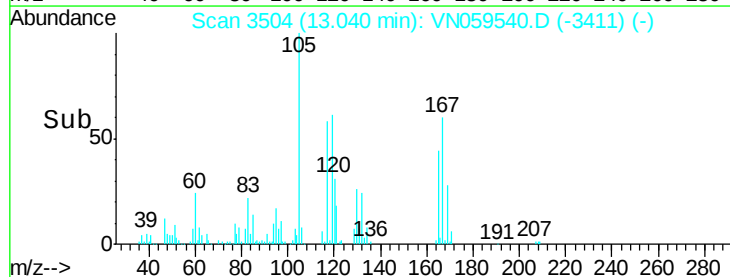
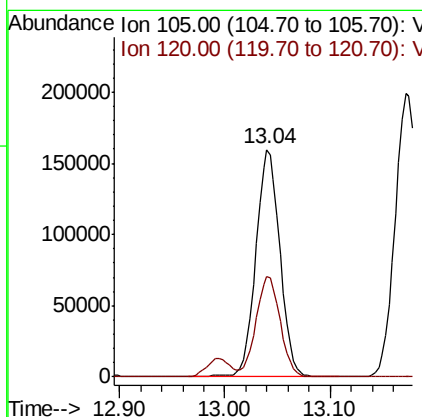
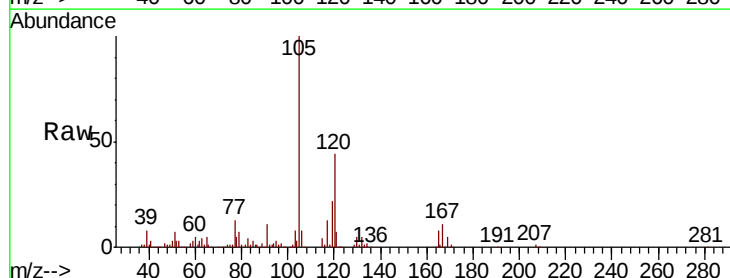
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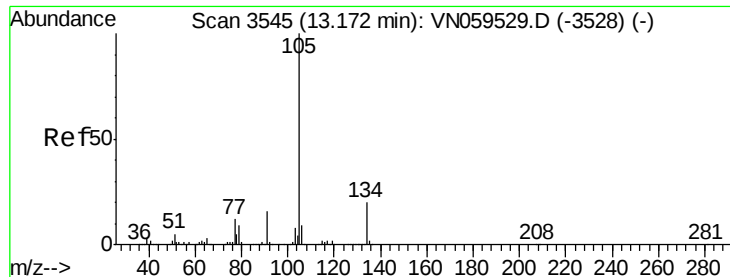
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#84
1,2,4-Trimethylbenzene
Concen: 21.467 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255001		
120	44.4		22.8	68.3





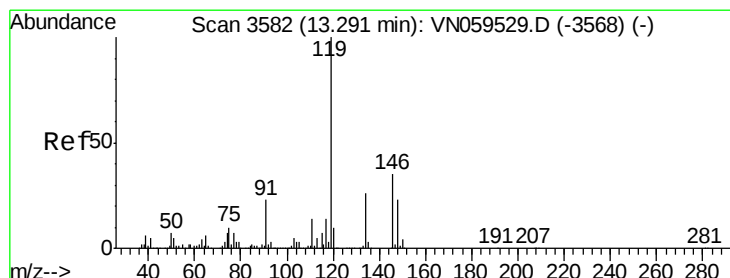
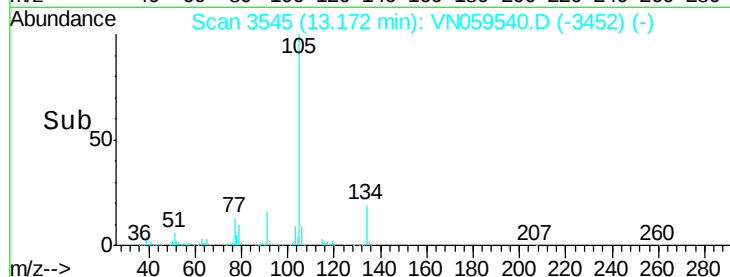
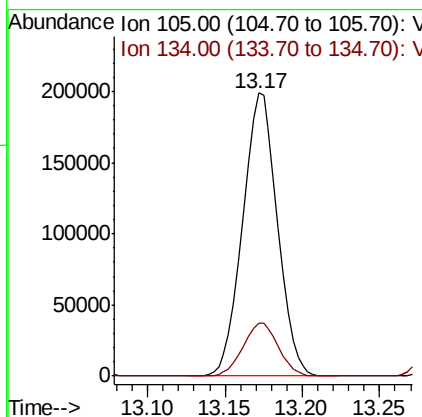
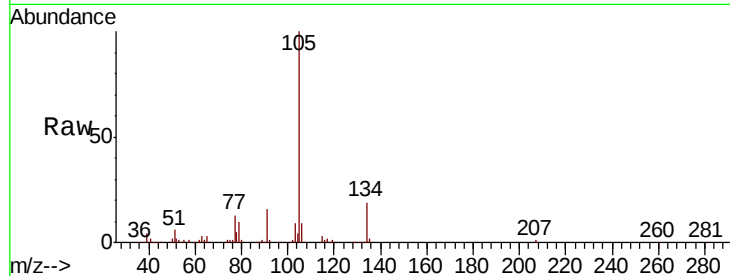
#85
 sec-Butylbenzene
 Concen: 22.538 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	310562		
134	19.1	9.8	29.5	

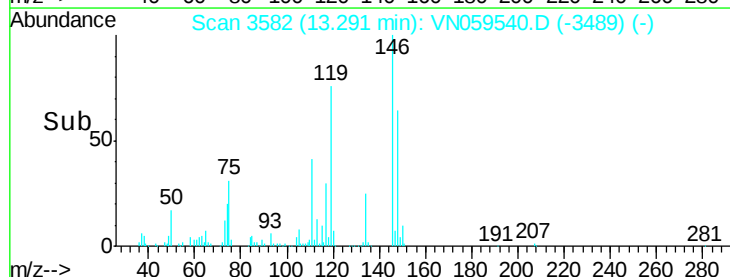
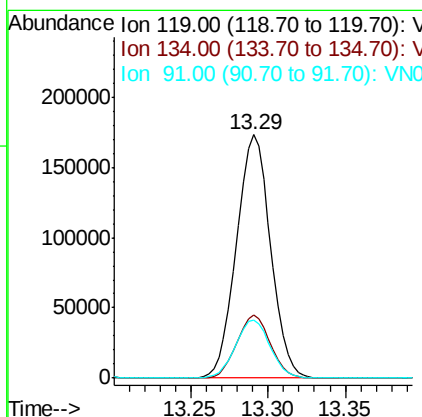
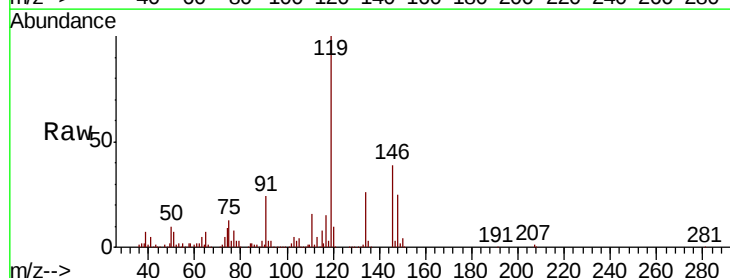
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#86
 p-Isopropyltoluene
 Concen: 21.461 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	264307		
134	25.7	13.0	39.0	
91	24.1	11.7	35.1	





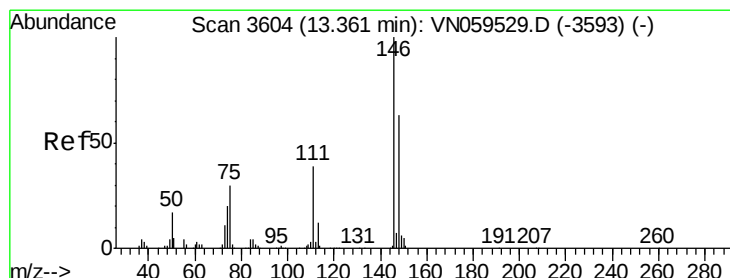
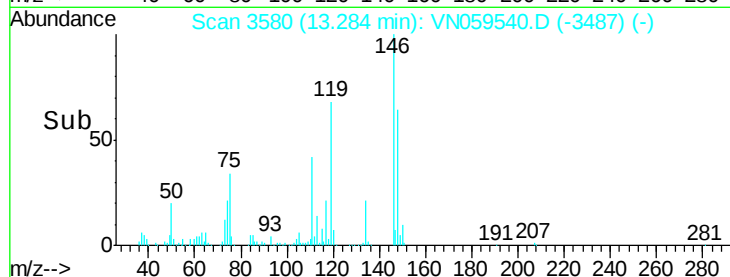
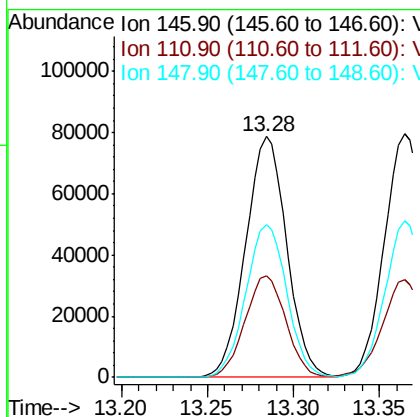
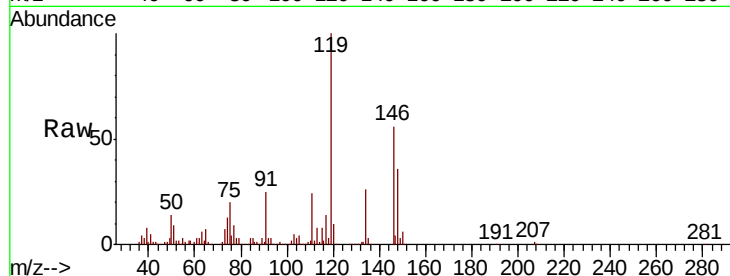
#87
 1,3-Dichlorobenzene
 Concen: 20.292 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	63.4	32.0	96.0

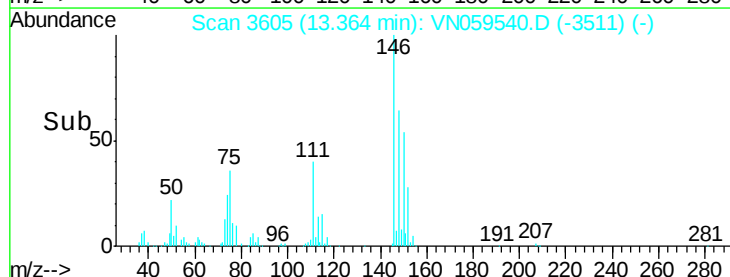
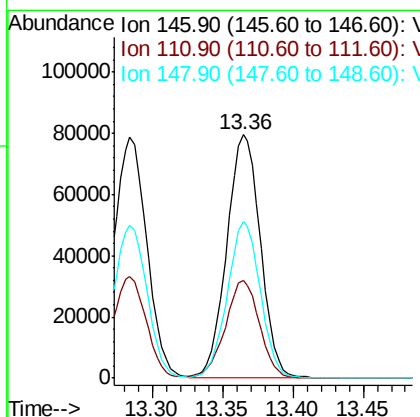
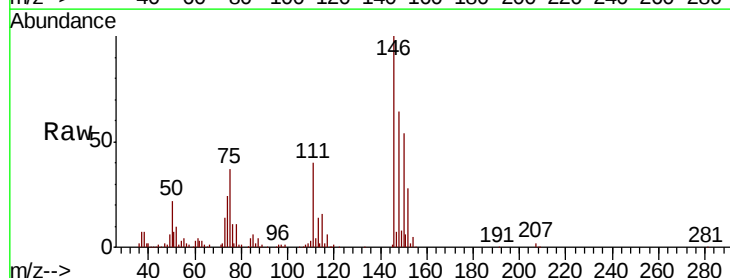
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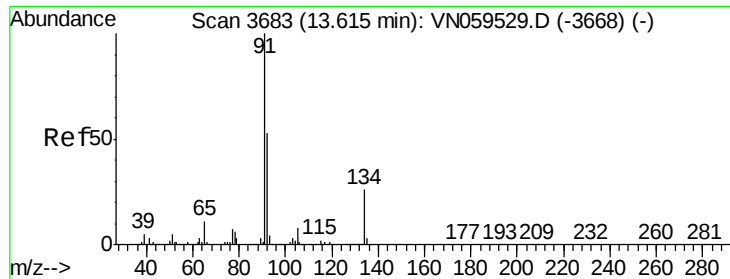
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#88
 1,4-Dichlorobenzene
 Concen: 21.084 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.0	59.9
148	63.1	31.9	95.7





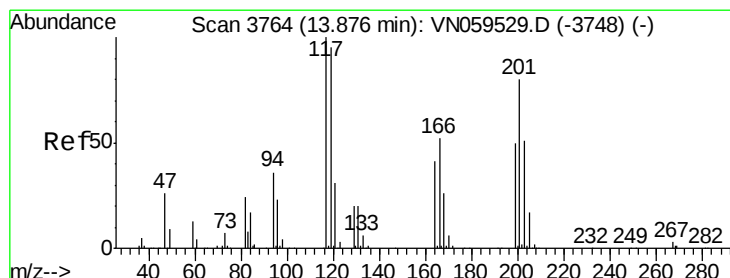
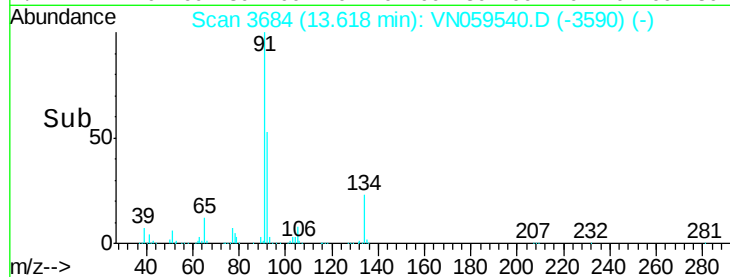
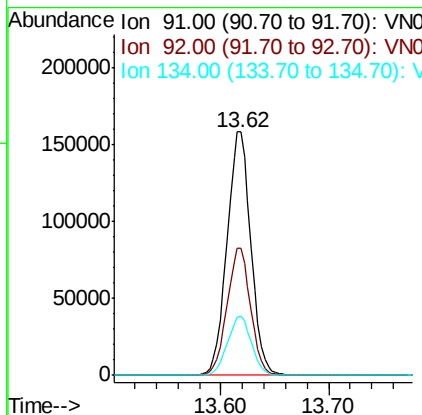
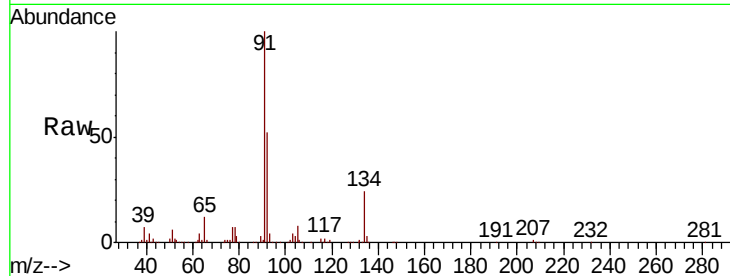
#89
n-Butylbenzene
Concen: 21.129 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.3	78.9
134	24.3	12.8	38.4

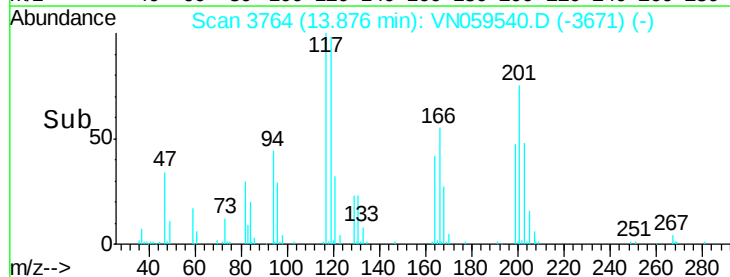
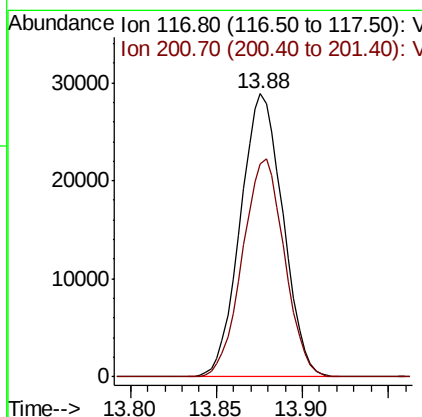
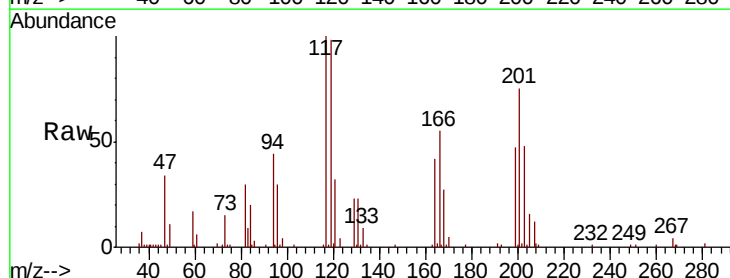
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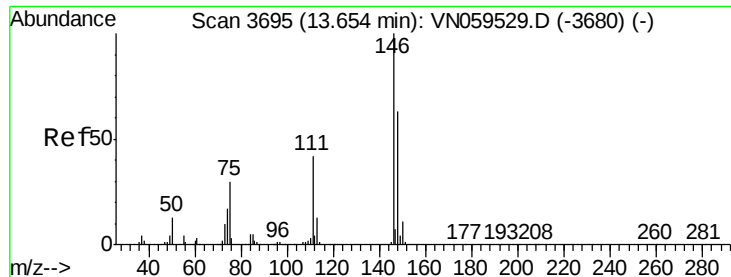
apatel
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#90
Hexachloroethane
Concen: 21.950 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	40.5	121.5





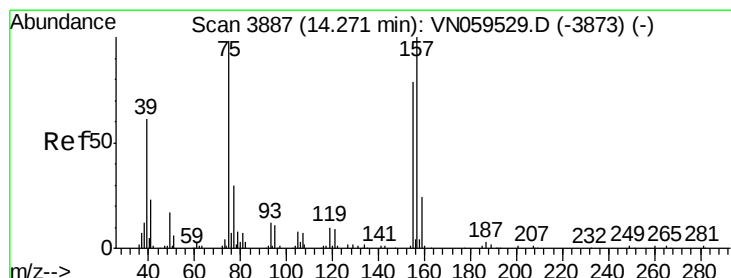
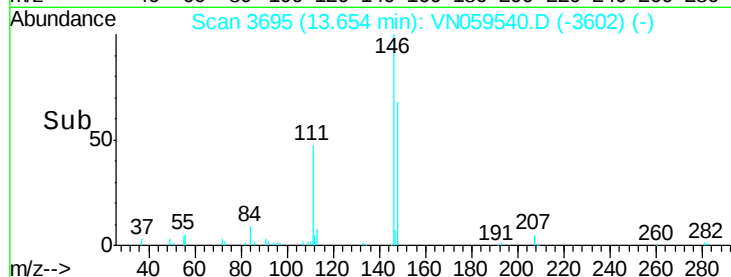
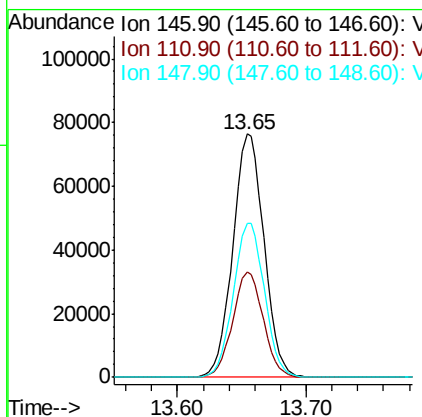
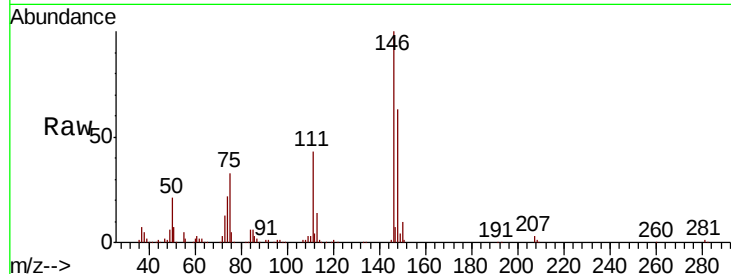
#91
 1,2-Dichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.9	62.7
148	63.2	31.6	94.8

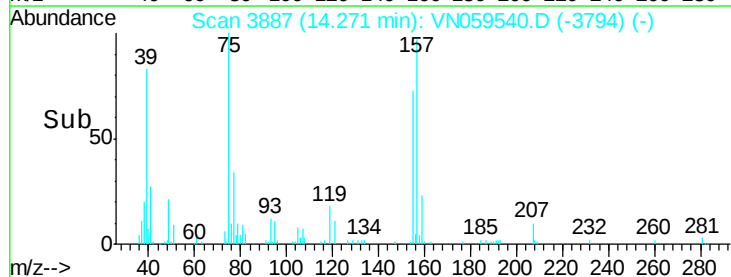
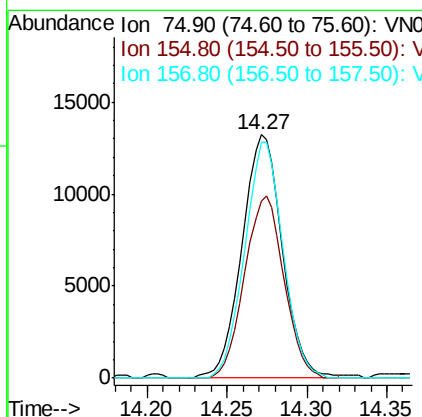
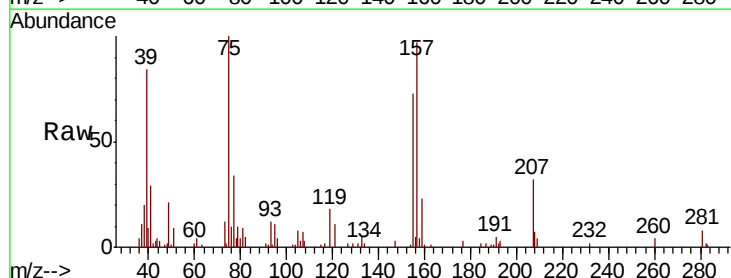
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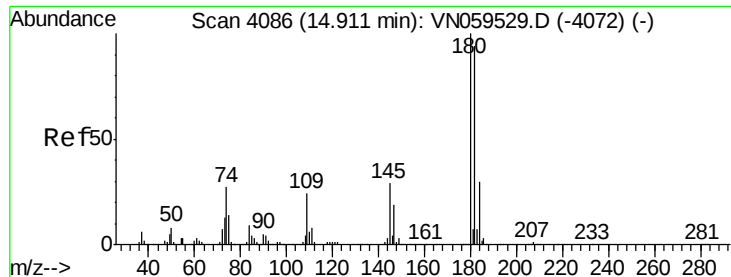
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.091 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.9	40.4	121.1
157	92.0	51.1	153.3





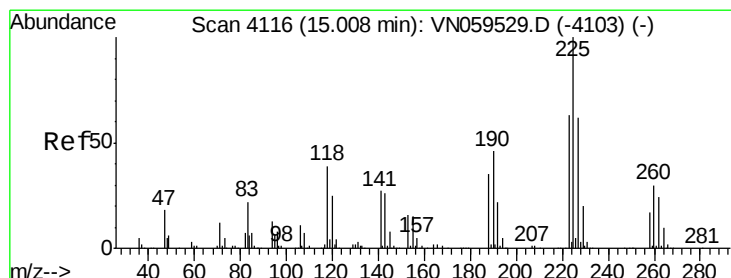
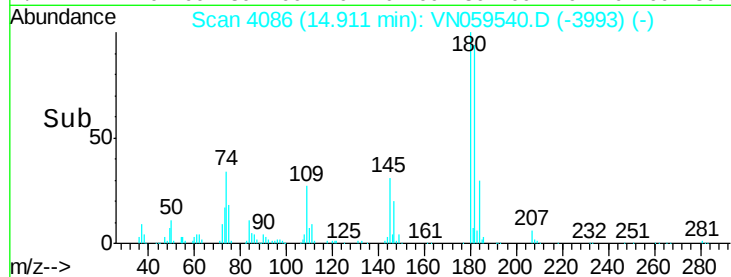
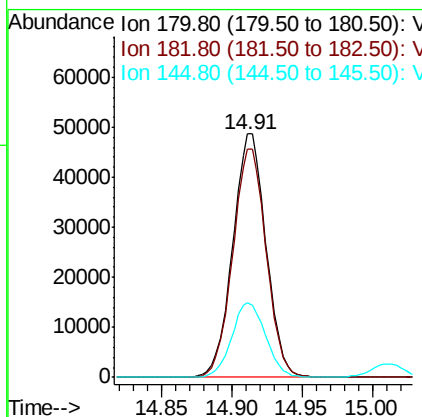
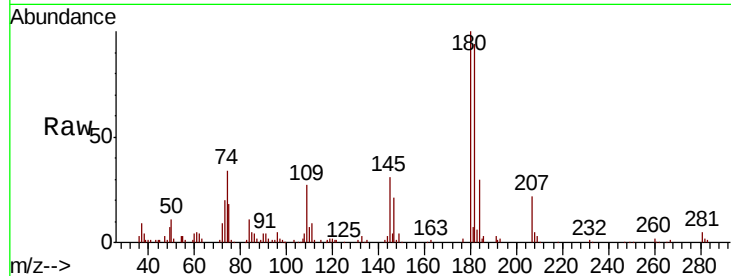
#93
 1,2,4-Trichlorobenzene
 Concen: 19.215 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	31.2	14.9	44.7

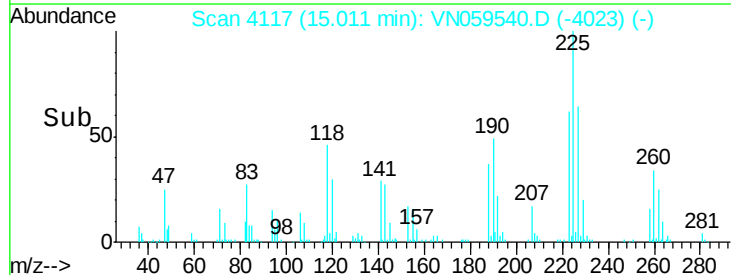
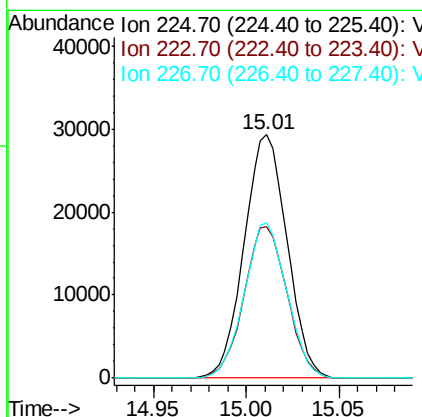
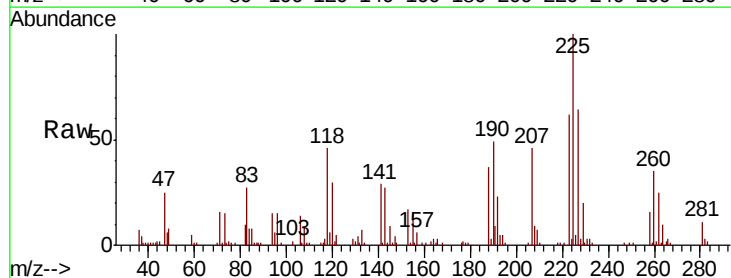
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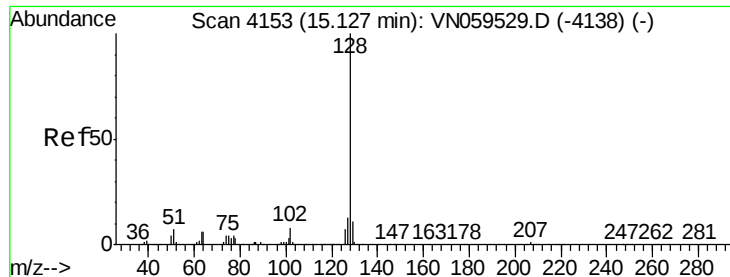
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#94
 Hexachlorobutadiene
 Concen: 22.079 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059540.D
 Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.9
227	63.1	31.6	95.0





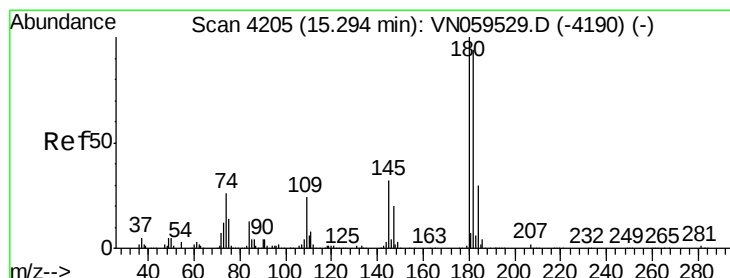
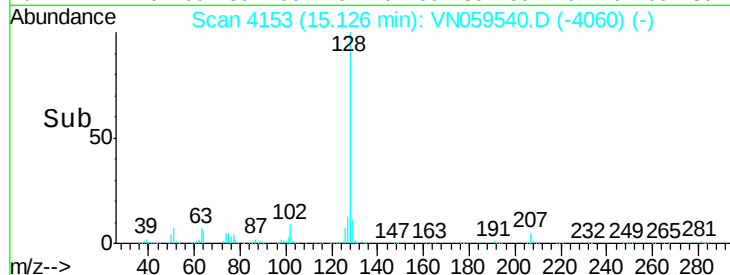
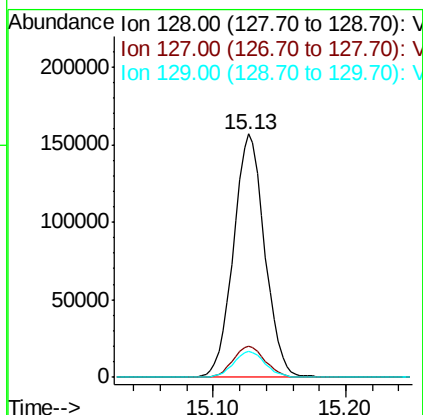
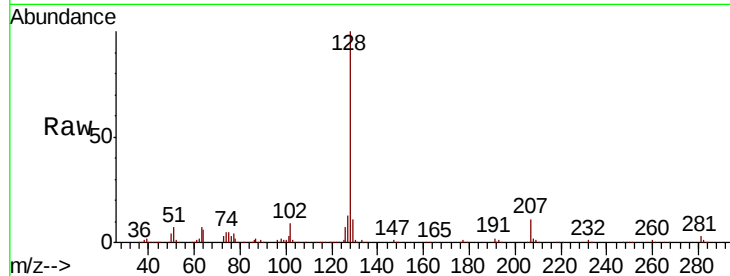
#95
Naphthalene
Concen: 20.986 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.787 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059540.D
Acq: 10 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.4
145	32.6	15.8	47.4

