

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058906.D
 Acq On : 22 Oct 2019 14:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2019 3:09:40 PM

Quant Time: Oct 23 01:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	53612	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	285119	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	268475	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	145792	32.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.80%
60) 4-Bromofluorobenzene	12.40	95	137554	29.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.63%
63) Toluene-d8	10.08	98	396536	31.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	65538	22.562 ug/l	96
3) Chloromethane	2.04	50	84218	21.705 ug/l	99
4) Vinyl Chloride	2.17	62	83272	20.765 ug/l	98
5) Bromomethane	2.55	94	53537	21.622 ug/l	98
6) Chloroethane	2.69	64	55451	21.998 ug/l	98
7) Trichlorofluoromethane	3.00	101	112186	22.728 ug/l	96
8) Diethyl Ether	3.39	74	38849	20.636 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	63340	22.177 ug/l	100
10) 1,1-Dichloroethene	3.72	96	57586	20.529 ug/l	98
11) Methyl Iodide	3.93	142	78254	20.032 ug/l	98
12) Methyl Acetate	4.30	43	88855	19.799 ug/l	99
13) Acrolein	3.58	56	49511	99.845 ug/l	96
14) Acrylonitrile	4.96	53	179460	101.484 ug/l	97
15) Acetone	3.79	58	86177	164.173 ug/l	93
16) Carbon Disulfide	4.03	76	171987	21.021 ug/l	100
17) Allyl chloride	4.30	41	110569	19.804 ug/l	98
18) Methylene Chloride	4.53	84	73148	21.535 ug/l	98
19) trans-1,2-Dichloroethene	5.01	96	64213	21.028 ug/l	89
20) Diisopropyl ether	5.92	45	239273	21.035 ug/l	98
21) 1,1-Dichloroethane	5.82	63	136696	21.701 ug/l	99
22) cis-1,2-Dichloroethene	6.81	96	73760	20.258 ug/l	97
23) tert-Butyl Alcohol	4.75	59	64828	89.627 ug/l #	100
24) Methyl tert-Butyl Ether	5.01	73	203900	19.485 ug/l	99
25) Chloroform	7.35	83	135207	21.522 ug/l	96
26) Cyclohexane	7.64	56	106286	19.224 ug/l #	97
29) 1,1-Dichloropropene	7.77	75	97209	21.659 ug/l	100
30) 2-Butanone	6.81	43	304258	119.963 ug/l	99
31) 2,2-Dichloropropane	6.80	77	117965	22.300 ug/l #	79
32) 1,1,1-Trichloroethane	7.55	97	112739	21.718 ug/l	97
33) Carbon Tetrachloride	7.75	117	99869	22.227 ug/l	98
34) Benzene	8.02	78	288317	21.820 ug/l	98
35) Methacrylonitrile	7.15	41	42451	18.947 ug/l	89
36) 1,2-Dichloroethane	8.11	62	114193	22.604 ug/l	99
37) Trichloroethene	8.82	130	69228	21.326 ug/l	98
38) Methylcyclohexane	9.07	83	100500	19.313 ug/l	96
39) 1,2-Dichloropropane	9.11	63	79501	22.016 ug/l	99
40) Dibromomethane	9.20	93	51078	22.407 ug/l	99

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Quant Time: Oct 23 01:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	104854	22.516	ug/l	99
42) Vinyl Acetate	5.87	43	966172	108.771	ug/l	99
43) Ethyl Acetate	6.91	43	103650	20.821	ug/l	98
44) Isopropyl Acetate	8.15	43	161226	19.994	ug/l #	88
45) 1,4-Dioxane	9.19	88	24105	389.310	ug/l	97
46) Methyl methacrylate	9.19	41	74007	19.992	ug/l	96
47) n-amyl Acetate	12.07	43	131927	18.456	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	112707	20.868	ug/l	97
49) cis-1,3-Dichloropropene	9.83	75	121465	21.417	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	72387	22.244	ug/l	98
51) Ethyl methacrylate	10.42	69	97355	18.709	ug/l	98
52) 1,3-Dichloropropane	10.70	76	124192	21.430	ug/l	100
53) Dibromochloromethane	10.90	129	76432	21.886	ug/l	99
54) 1,2-Dibromoethane	11.00	107	71797	21.286	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	242375	93.640	ug/l	100
56) Bromoform	12.13	173	51791	21.288	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	516611	105.480	ug/l	98
59) 2-Hexanone	10.75	43	419976	109.379	ug/l	98
61) Tetrachloroethene	10.63	164	63139	21.763	ug/l	96
62) Toluene	10.15	91	306237	21.205	ug/l	99
64) Chlorobenzene	11.43	112	182406	20.659	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	69661	21.041	ug/l	99
66) Ethyl Benzene	11.51	91	323156	20.209	ug/l	100
67) m/p-Xylenes	11.62	106	243060	40.685	ug/l	98
68) o-Xylene	11.95	106	113478	19.593	ug/l	99
69) Styrene	11.97	104	183328	19.160	ug/l	99
70) Isopropylbenzene	12.25	105	309500	19.793	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	108643	20.638	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	110340m	23.132	ug/l	
73) Bromobenzene	12.53	156	76855	20.235	ug/l	98
74) n-propylbenzene	12.59	91	377534	20.627	ug/l	100
75) 2-Chlorotoluene	12.68	91	227117	20.624	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	270579	20.204	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	34907	19.210	ug/l	94
78) 4-Chlorotoluene	12.78	91	231465	20.394	ug/l	100
79) tert-butylbenzene	13.00	119	225757	19.731	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	269744	20.269	ug/l	100
81) sec-Butylbenzene	13.17	105	306546	19.907	ug/l	100
82) p-Isopropyltoluene	13.29	119	272898	19.736	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	138466	20.147	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	134014	19.522	ug/l	100
85) n-Butylbenzene	13.62	91	233764	18.465	ug/l	99
86) Hexachloroethane	13.88	117	53301	21.181	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	138057	20.348	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	22603	19.291	ug/l	94
89) 1,2,4-Trichlorobenzene	14.92	180	71148	16.608	ug/l	100
90) Hexachlorobutadiene	15.01	225	42671	19.289	ug/l	100
91) Naphthalene	15.13	128	186125	14.715	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	71514	17.149	ug/l	97

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QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

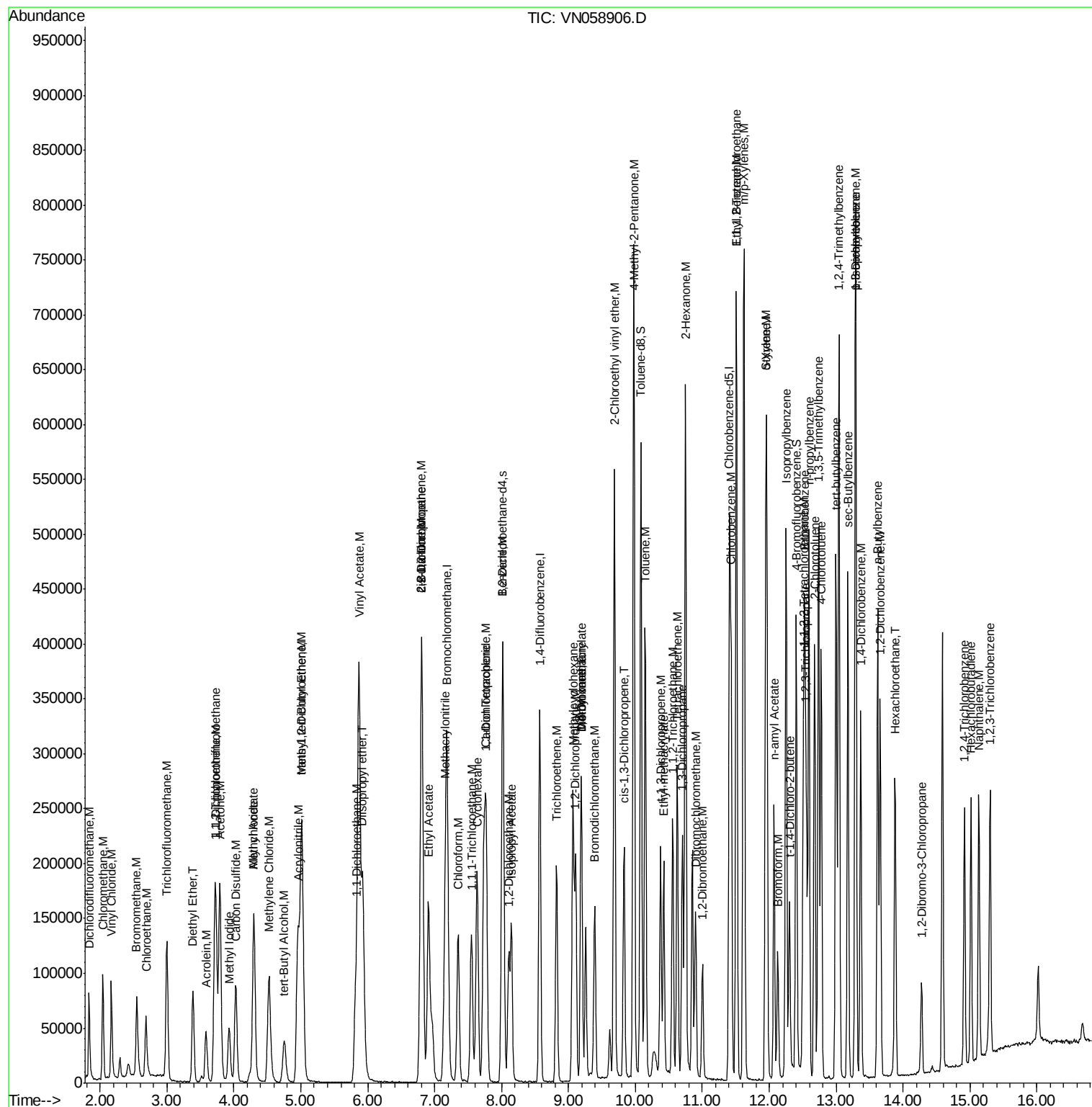
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Data File : VN058906.D
Acq On : 22 Oct 2019 14:11
Operator : JC/SP
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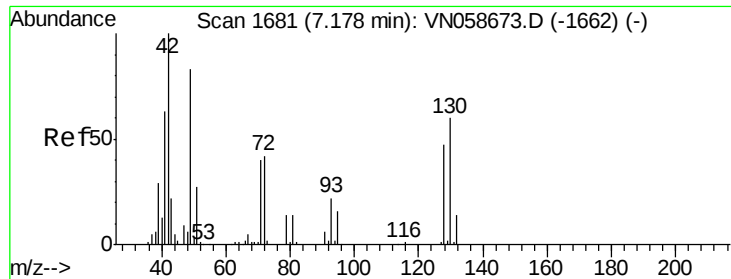
Instrument :
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Manual Integrations
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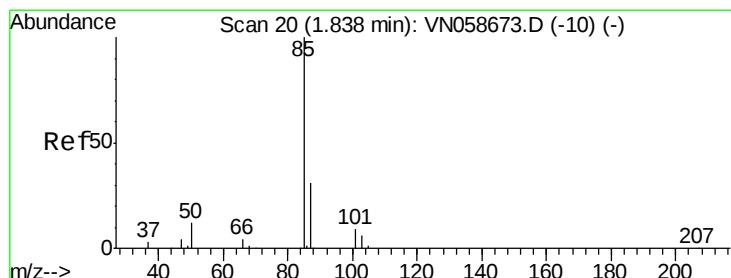
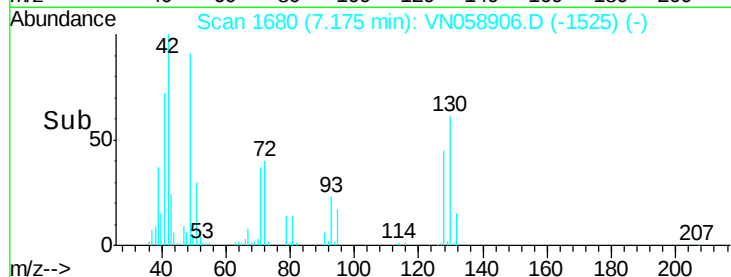
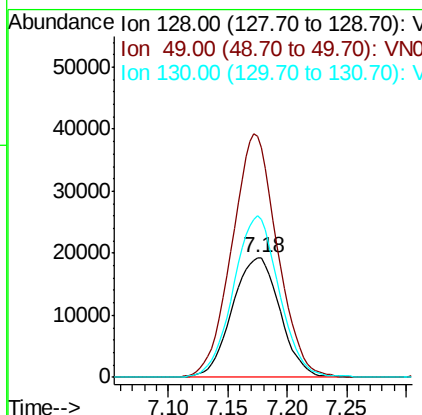
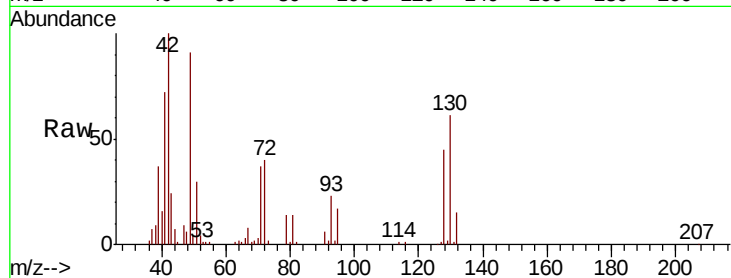
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	192.9	0.0	453.5
130	129.0	0.0	314.2

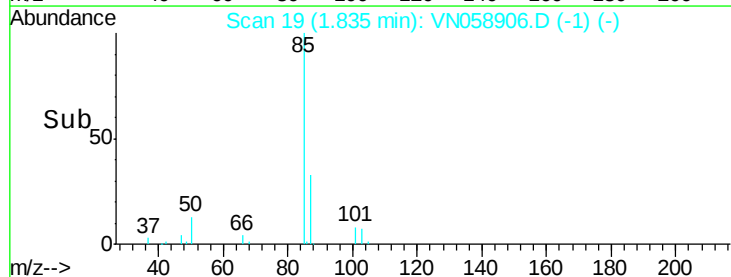
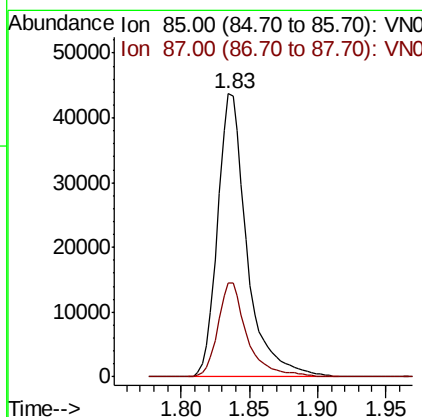
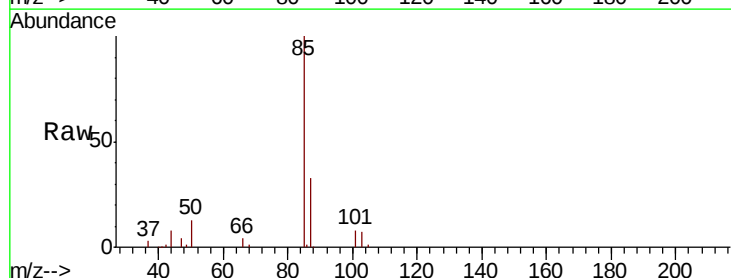
Manual Integrations
APPROVED

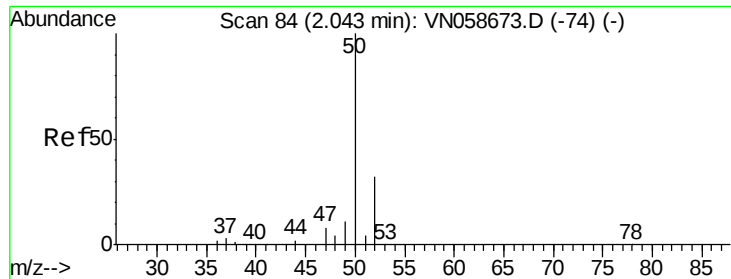
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#2
Dichlorodifluoromethane
Concen: 22.562 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.7	47.0





#3

Chloromethane

Concen: 21.705 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 84218

Ion Ratio Lower Upper

50 100

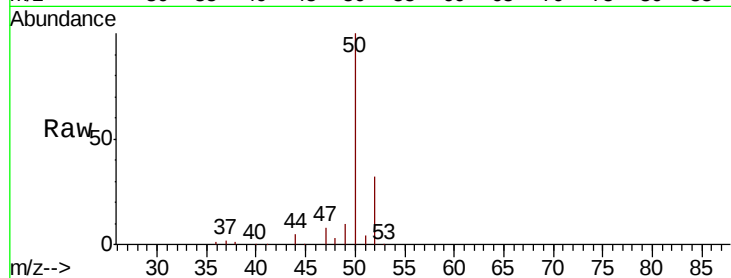
52 31.7 25.8 38.8

Manual Integrations

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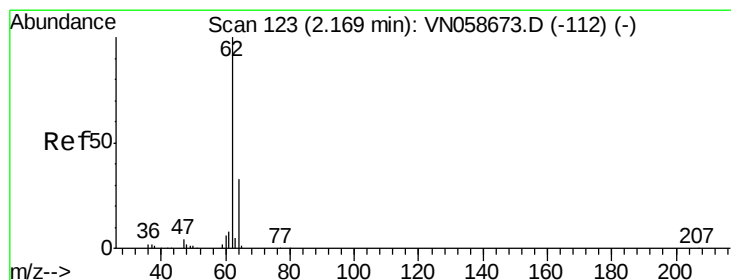
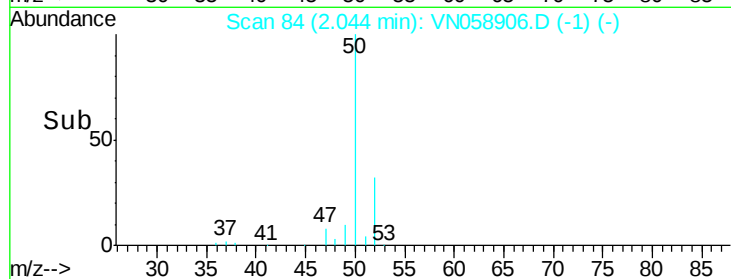
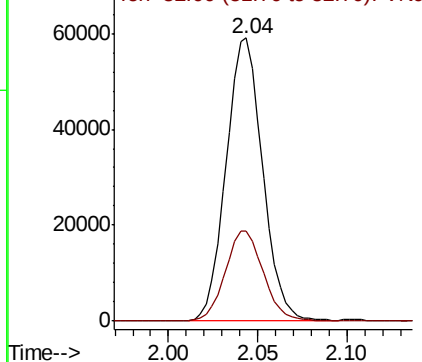
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.765 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058906.D

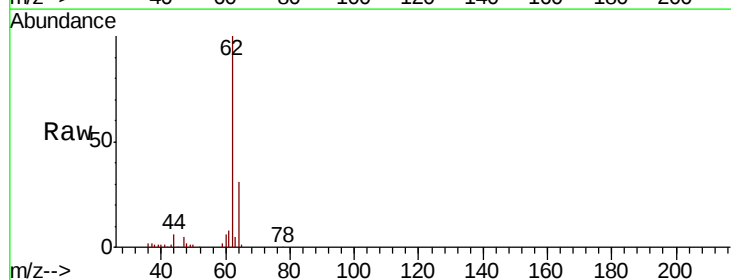
Acq: 22 Oct 2019 14:11

Tgt Ion: 62 Resp: 83272

Ion Ratio Lower Upper

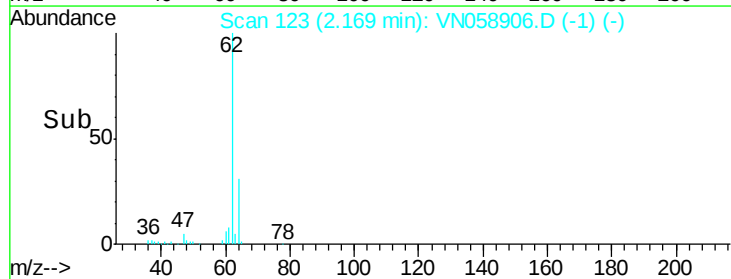
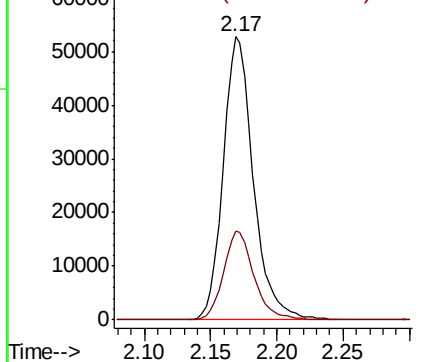
62 100

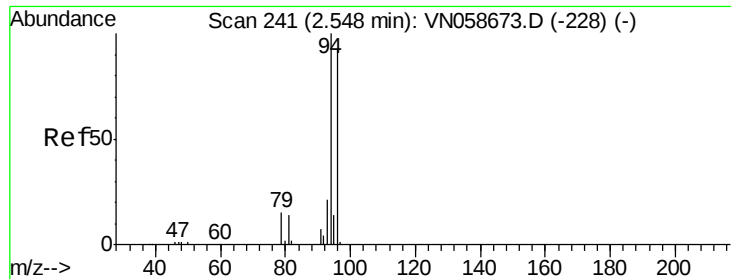
64 31.3 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 21.622 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 53537

Ion Ratio Lower Upper

94 100

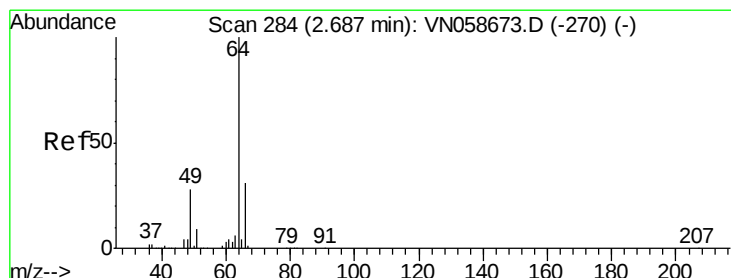
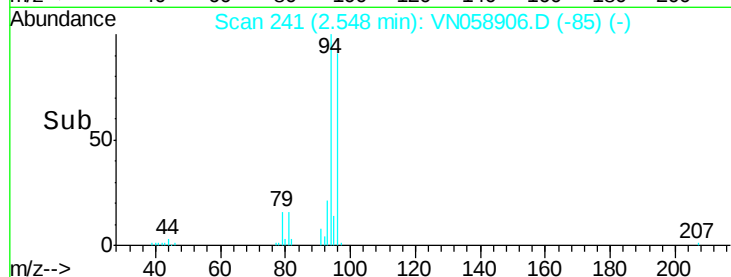
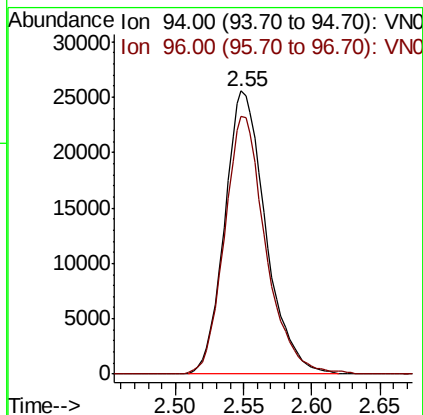
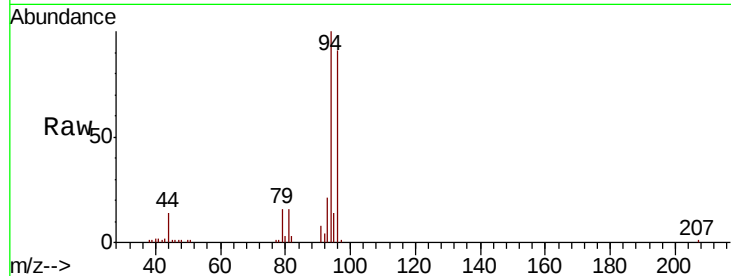
96 90.4 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.998 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058906.D

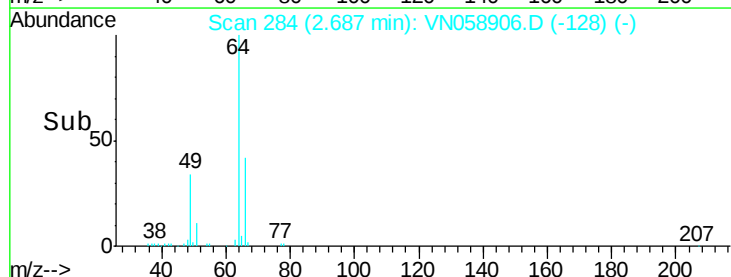
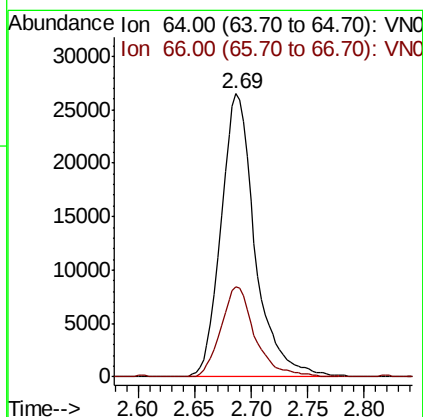
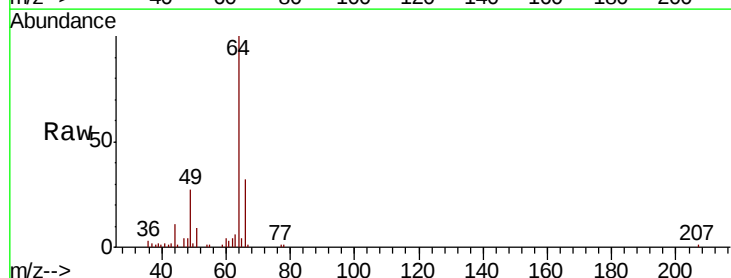
Acq: 22 Oct 2019 14:11

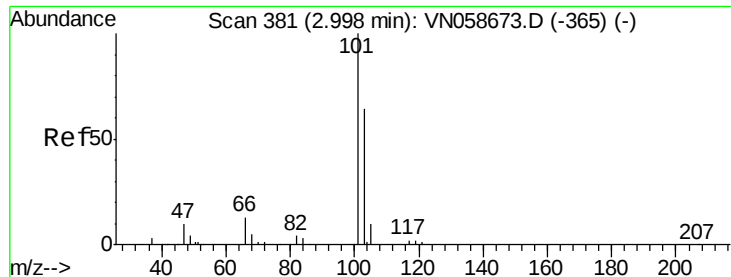
Tgt Ion: 64 Resp: 55451

Ion Ratio Lower Upper

64 100

66 31.8 24.6 36.8





#7

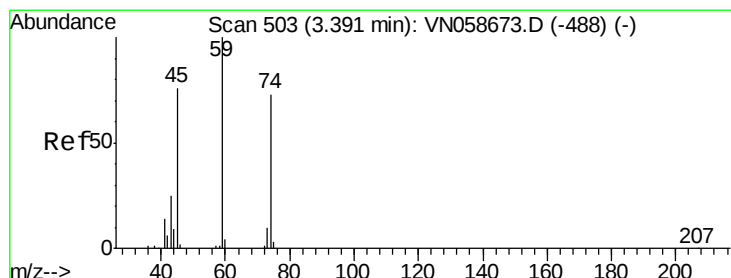
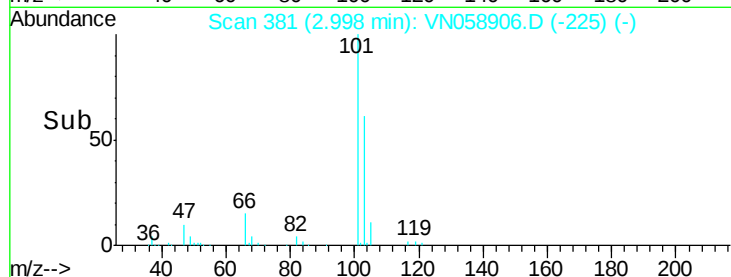
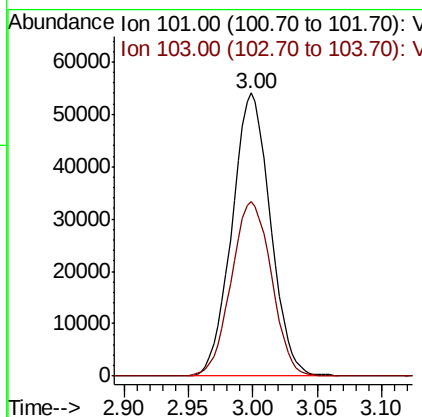
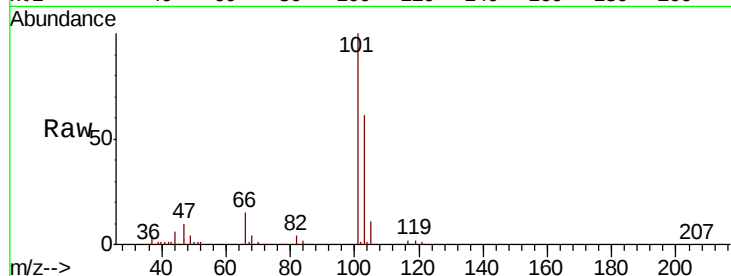
Trichlorofluoromethane
Concen: 22.728 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.5	77.3

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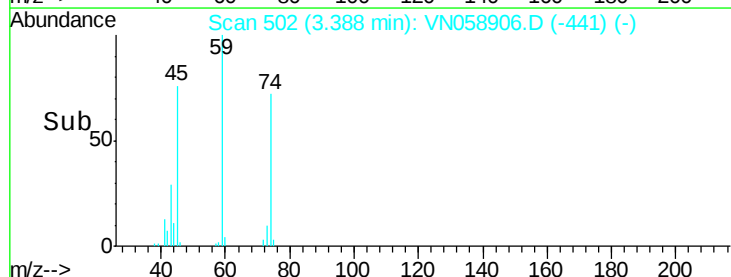
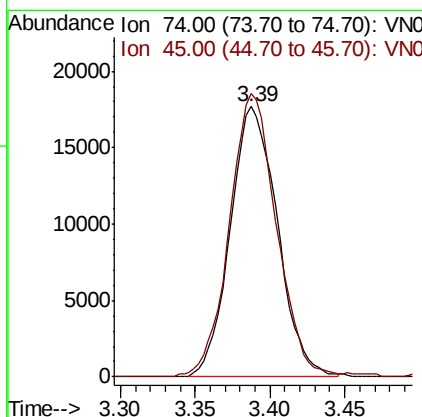
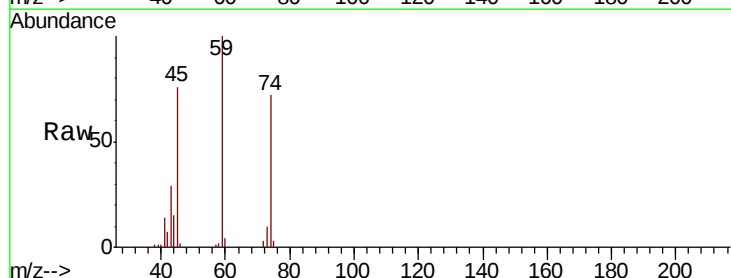
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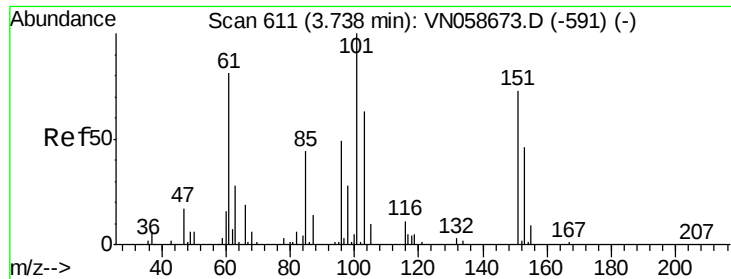


#8

Diethyl Ether
Concen: 20.636 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	20.6	185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.177 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

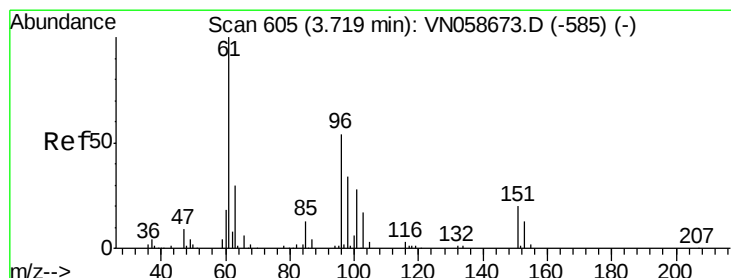
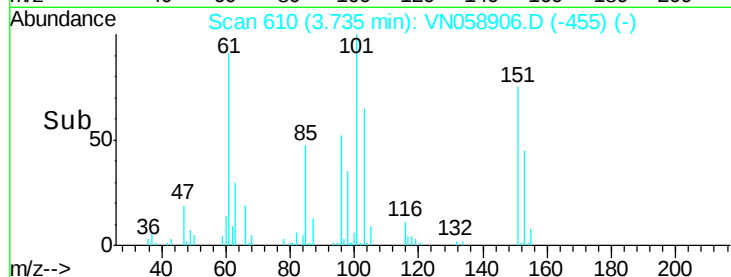
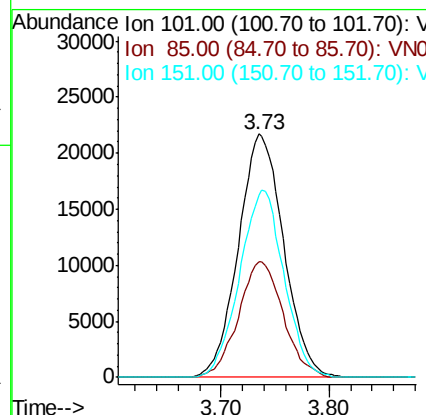
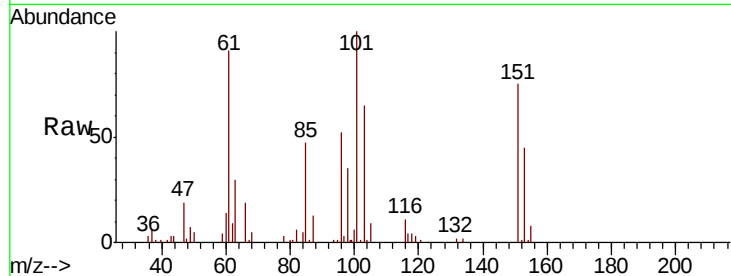
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	63340
Ion Ratio	Lower	Upper	
101	100		
85	46.9	0.0	93.8
151	75.3	0.0	149.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.529 ug/l

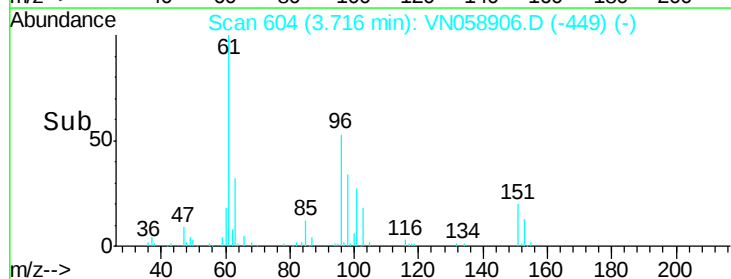
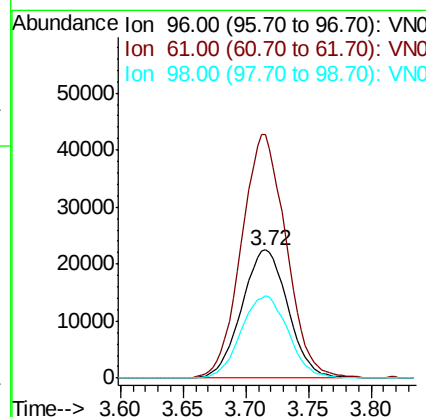
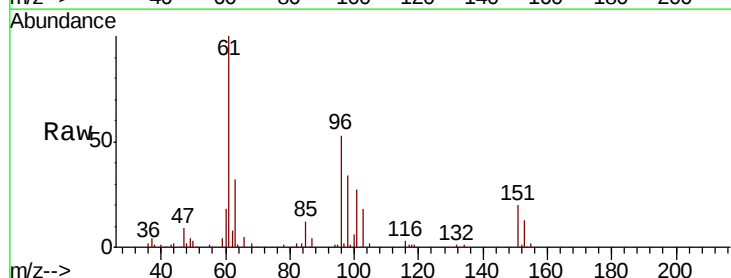
RT: 3.72 min Scan# 604

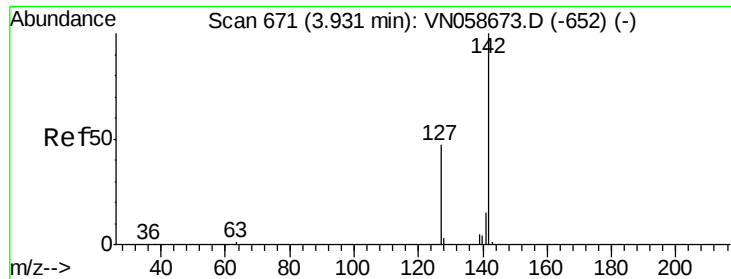
Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion:	96	Resp:	57586
Ion Ratio	Lower	Upper	
96	100		
61	190.1	148.5	222.7
98	64.3	51.0	76.6





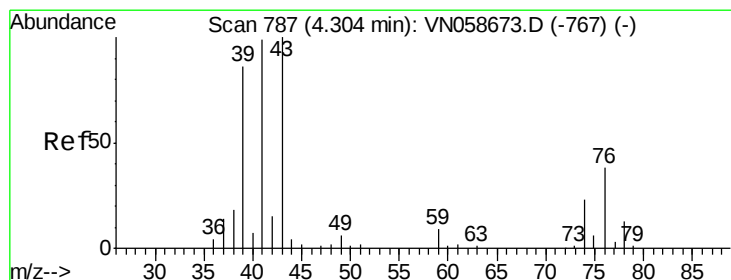
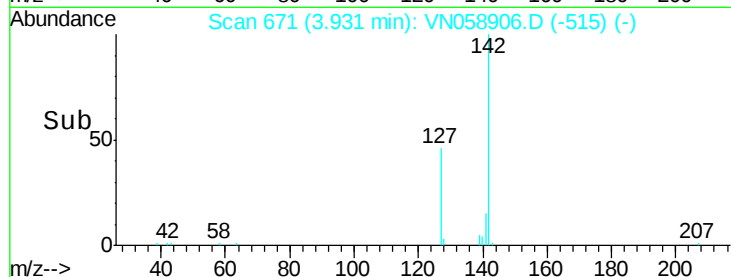
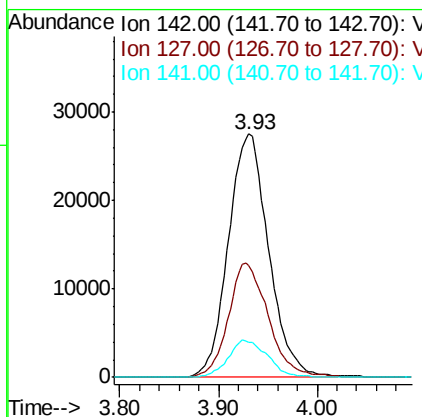
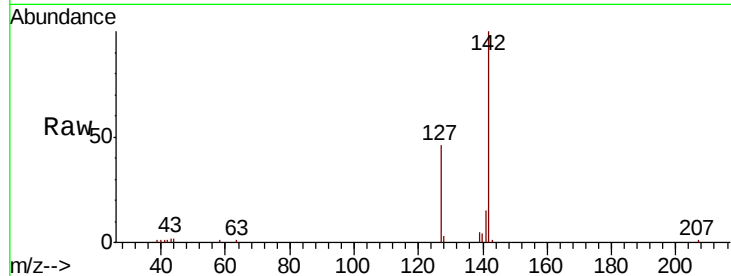
#11
Methyl Iodide
Concen: 20.032 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.7	23.5	70.6
141	14.6	7.4	22.2

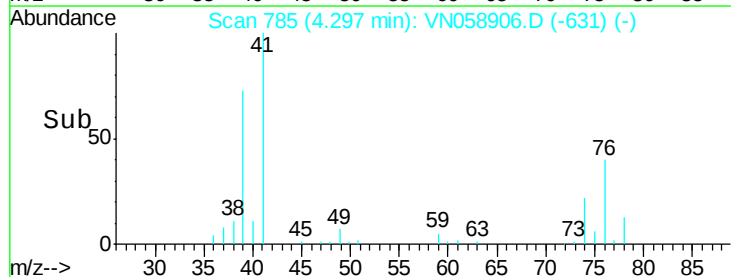
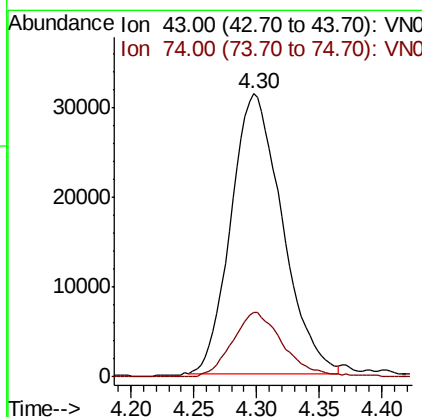
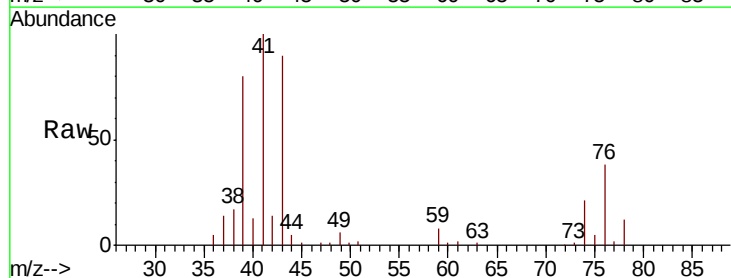
Manual Integrations
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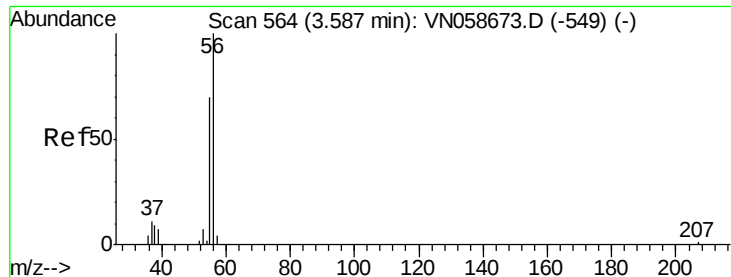
MMDadoda
10/23/2019 3:09:40 PM



#12
Methyl Acetate
Concen: 19.799 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.1	27.1





#13

Acrolein

Concen: 99.845 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 49511

Ion Ratio Lower Upper

56 100

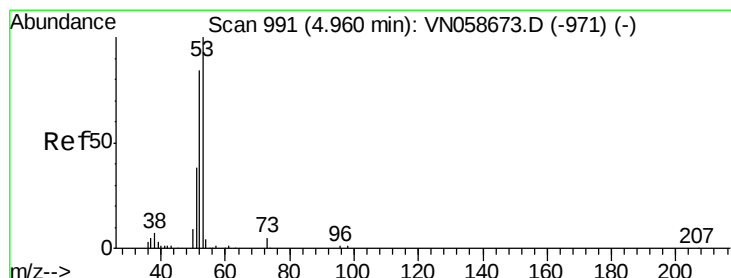
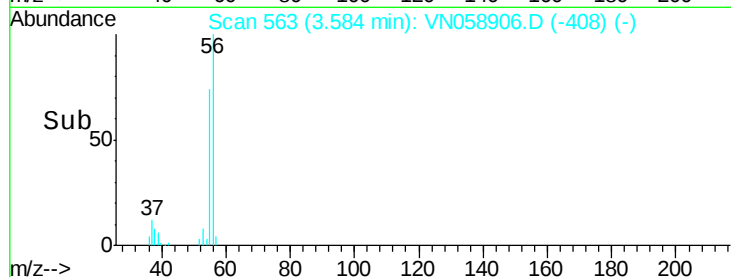
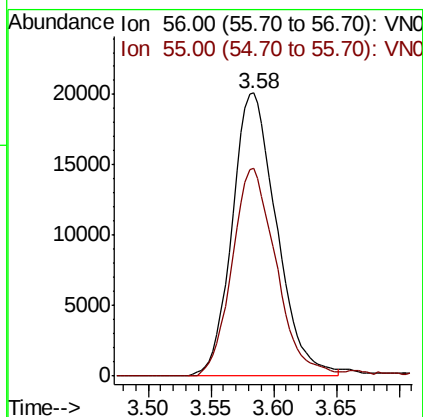
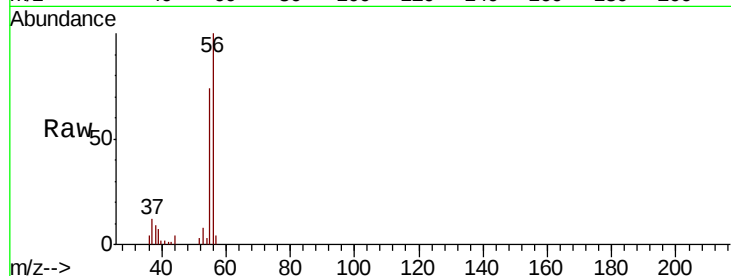
55 72.9 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

10/23/2019 3:09:40 PM



#14

Acrylonitrile

Concen: 101.484 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

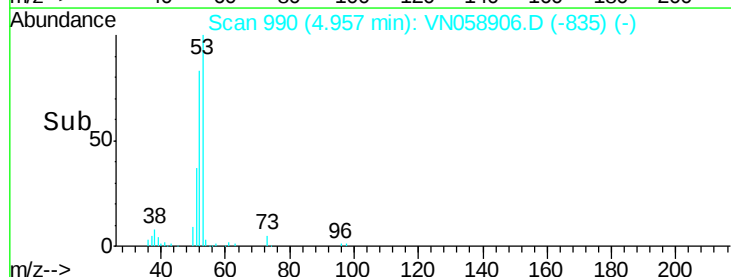
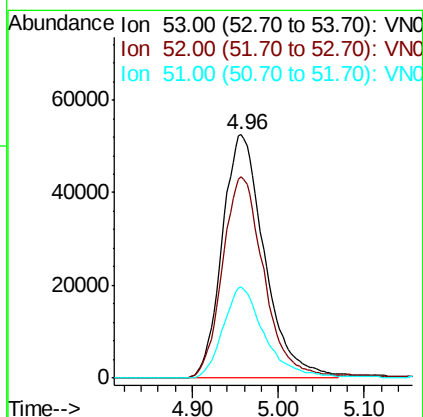
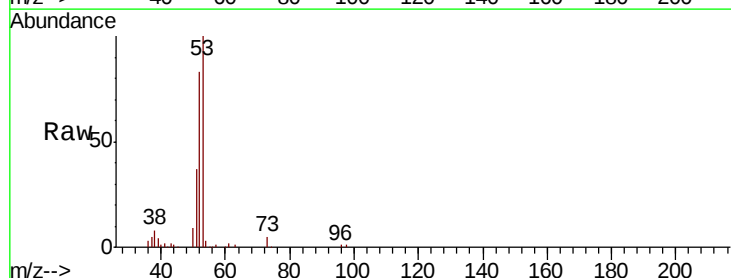
Tgt Ion: 53 Resp: 179460

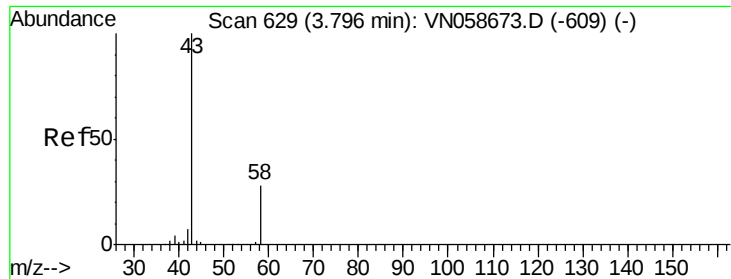
Ion Ratio Lower Upper

53 100

52 81.1 42.2 126.6

51 35.7 18.8 56.4





#15

Acetone

Concen: 164.173 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 86177

Ion Ratio Lower Upper

58 100

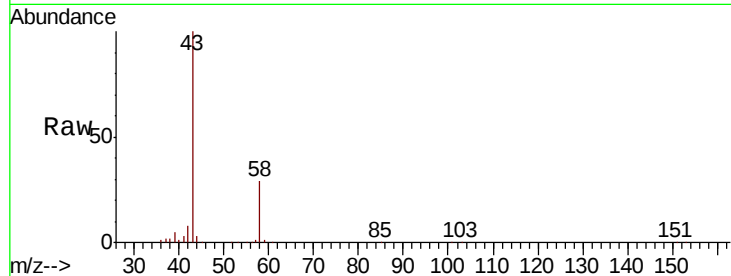
43 337.9 281.7 422.5

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VN0

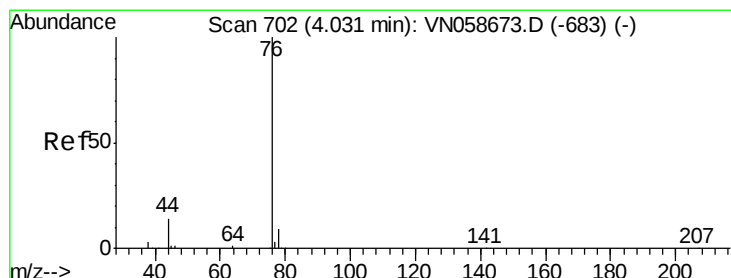
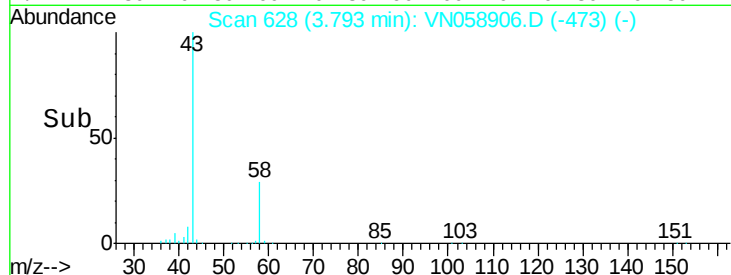
Ion 43.00 (42.70 to 43.70): VN0

100000

50000

3.79

Time-->



#16

Carbon Disulfide

Concen: 21.021 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058906.D

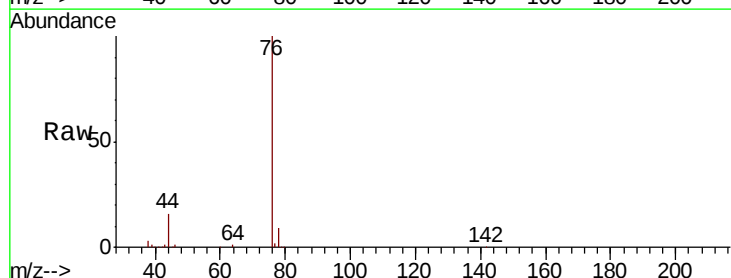
Acq: 22 Oct 2019 14:11

Tgt Ion: 76 Resp: 171987

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

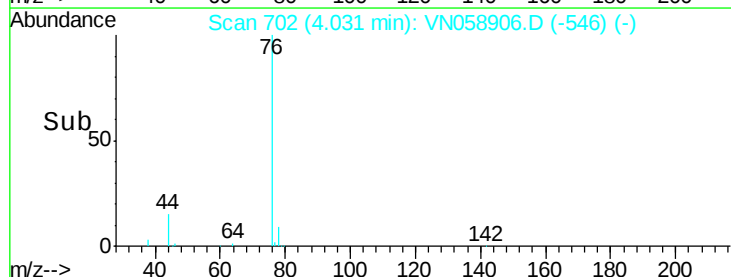
60000

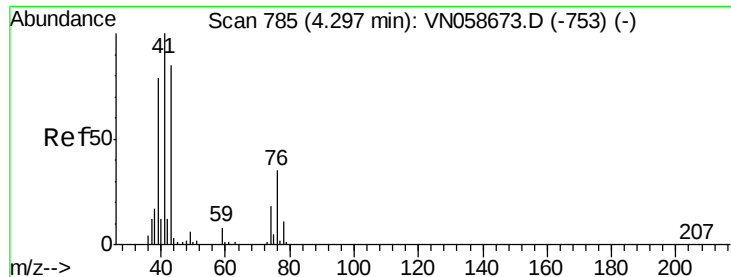
40000

20000

4.03

Time-->





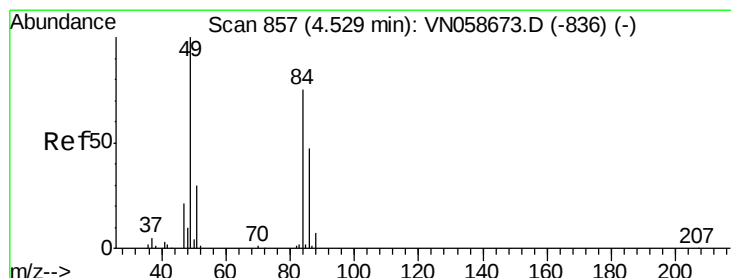
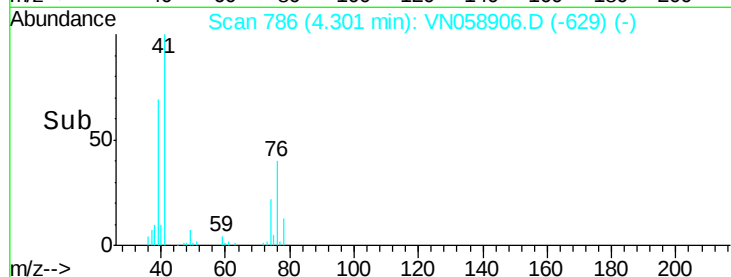
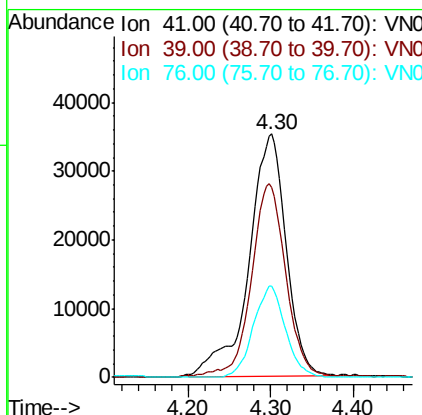
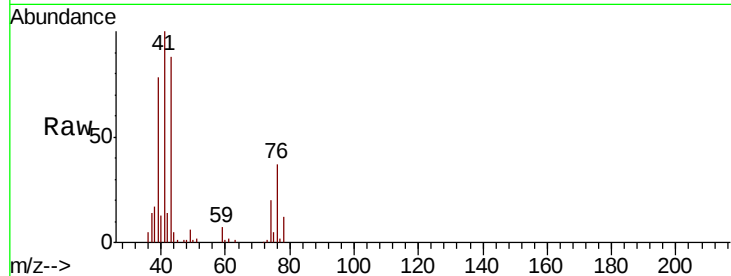
#17
Allvl chloride
Concen: 19.804 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	110569
Ion	Ratio	Lower	Upper
41	100		
39	78.3	39.6	118.8
76	37.6	17.6	52.9

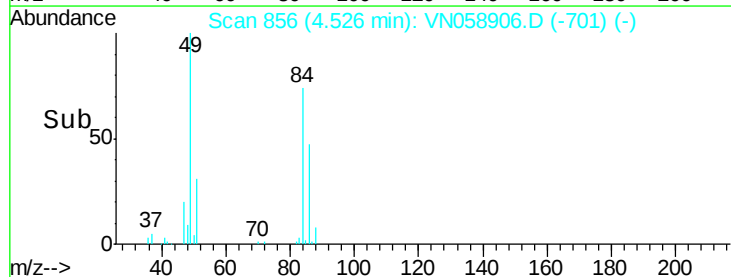
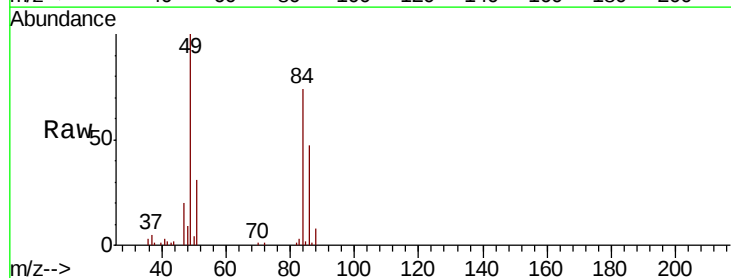
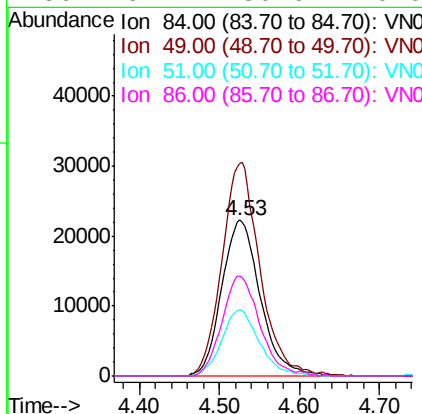
Manual Integrations
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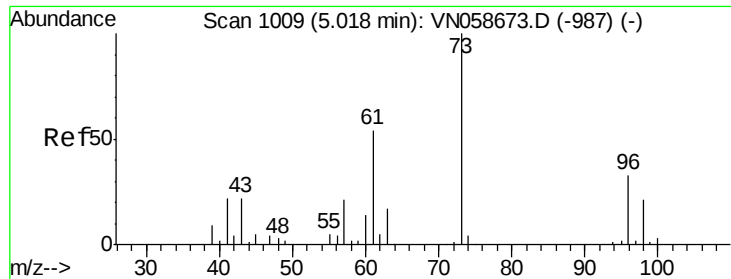
MMDadoda
10/23/2019 3:09:40 PM



#18
Methylene Chloride
Concen: 21.535 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion:	84	Resp:	73148
Ion	Ratio	Lower	Upper
84	100		
49	136.0	106.6	160.0
51	42.5	32.4	48.6
86	64.1	50.6	76.0





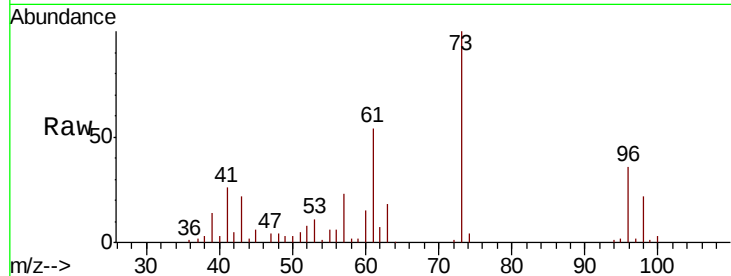
#19
trans-1,2-Dichloroethene
Concen: 21.028 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	131.8	197.6
98	61.2	52.6	79.0

Manual Integrations
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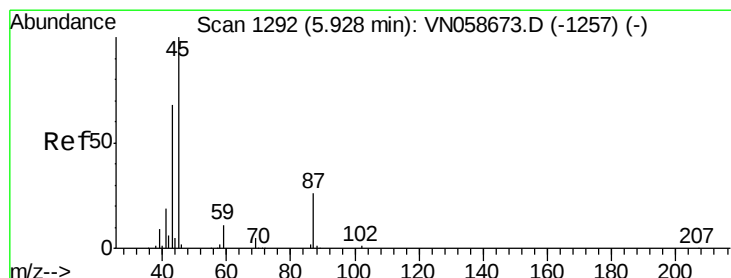
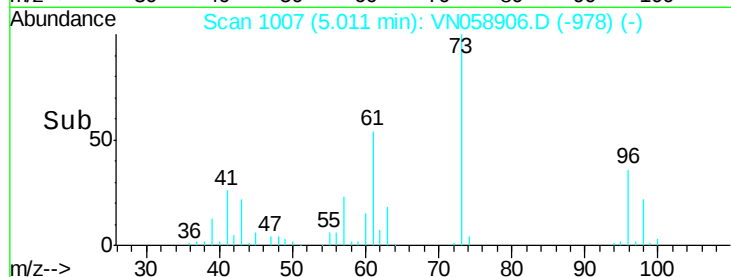
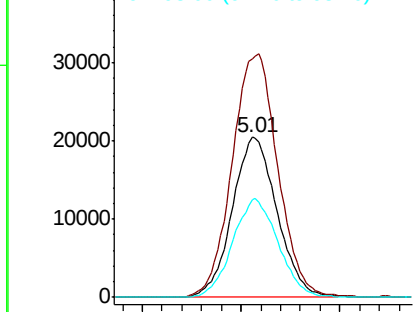


Abundance

Ion 96.00 (95.70 to 96.70): VN058673.D (-987) (-)

Ion 61.00 (60.70 to 61.70): VN058673.D (-987) (-)

Ion 98.00 (97.70 to 98.70): VN058673.D (-987) (-)



#20
Diisopropyl ether
Concen: 21.035 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.0	54.7	82.1
87	26.0	21.5	32.3
59	10.7	8.7	13.1

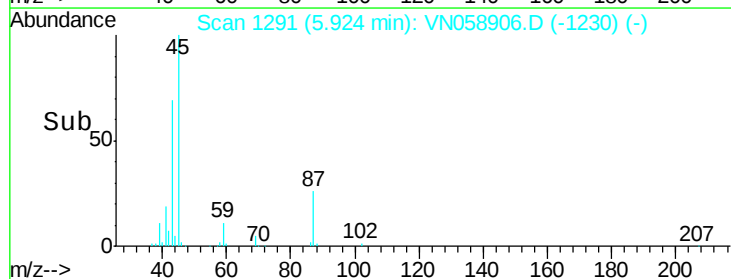
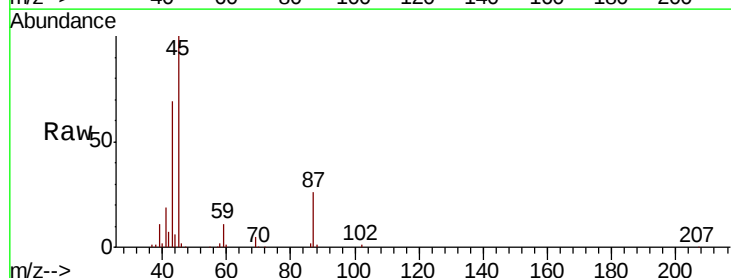
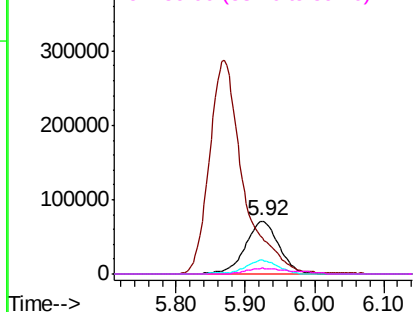
Abundance

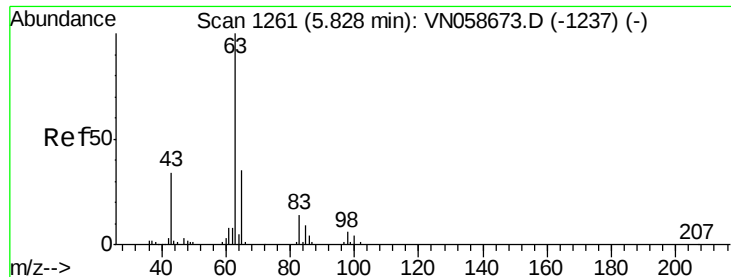
Ion 45.00 (44.70 to 45.70): VN058673.D (-1257) (-)

Ion 43.00 (42.70 to 43.70): VN058673.D (-1257) (-)

Ion 87.00 (86.70 to 87.70): VN058673.D (-1257) (-)

Ion 59.00 (58.70 to 59.70): VN058673.D (-1257) (-)





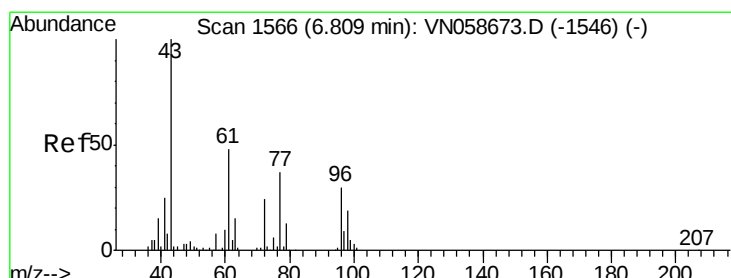
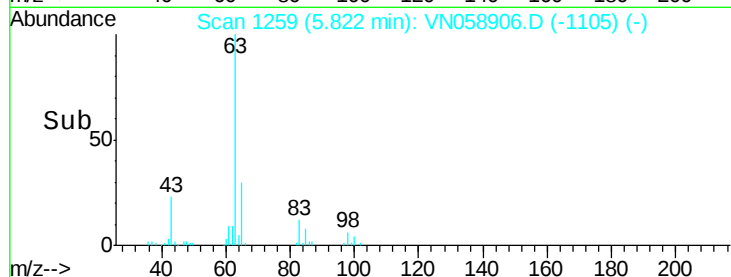
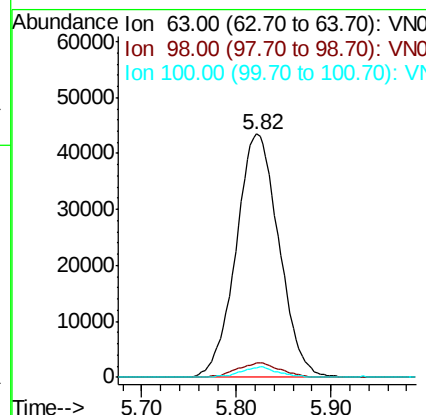
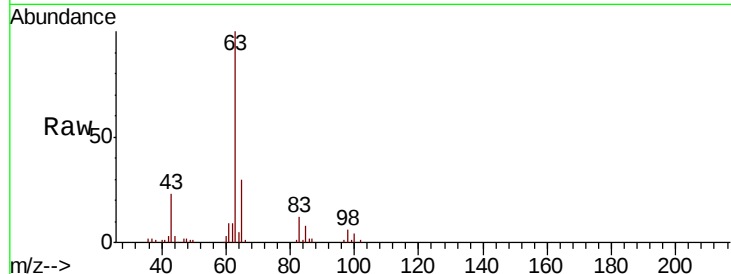
#21
 1,1-Dichloroethane
 Concen: 21.701 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.9	2.9	8.6	
100	4.0	1.8	5.5	

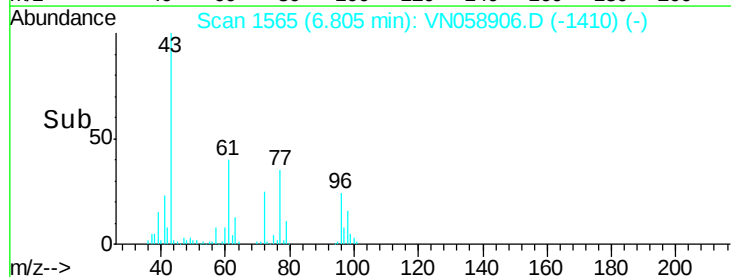
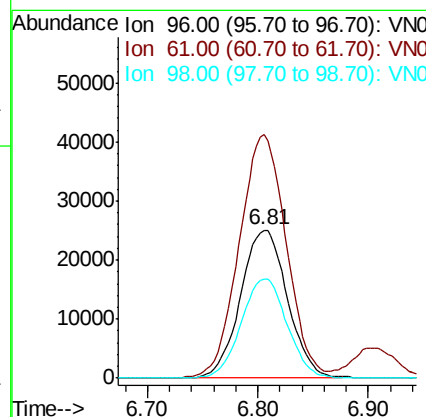
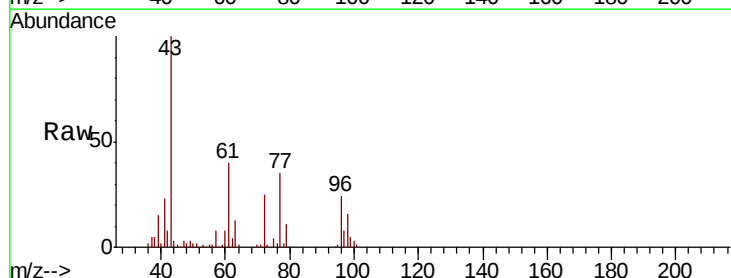
Manual Integrations
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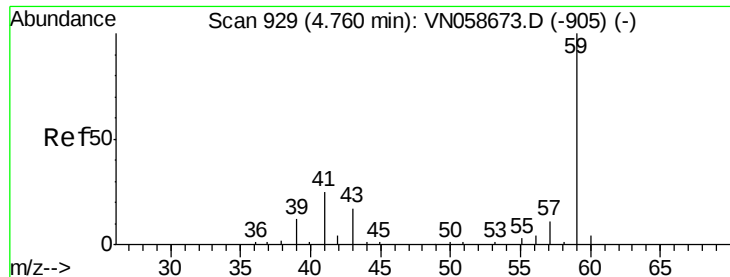
MMDadoda
 10/23/2019 3:09:40 PM



#22
 cis-1,2-Dichloroethene
 Concen: 20.258 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	162.3	127.2	190.8	
98	65.6	50.5	75.7	





#23

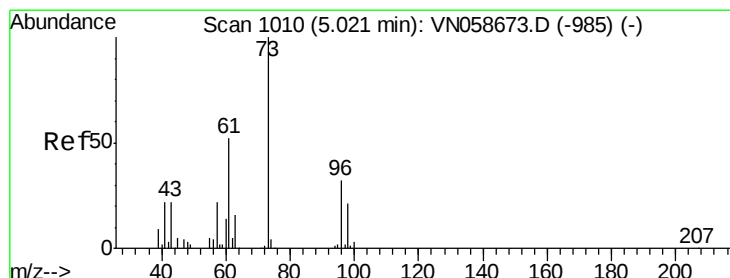
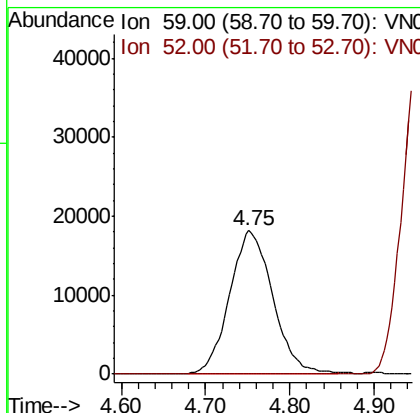
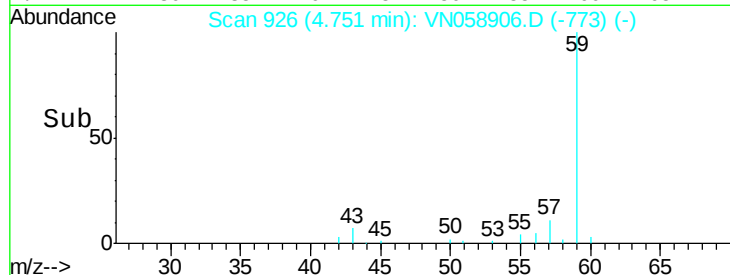
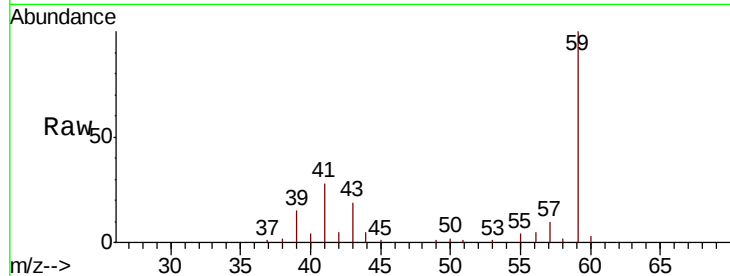
tert-Butyl Alcohol
 Concen: 89.627 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020

Tot Ion: 59 Resp: 64828
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

Manual Integrations
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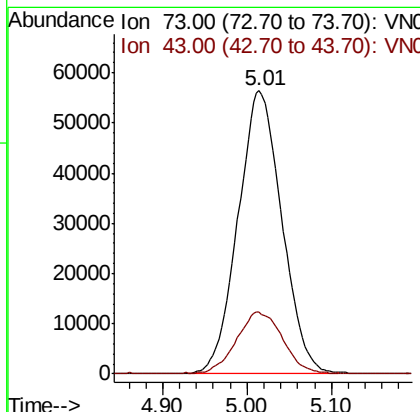
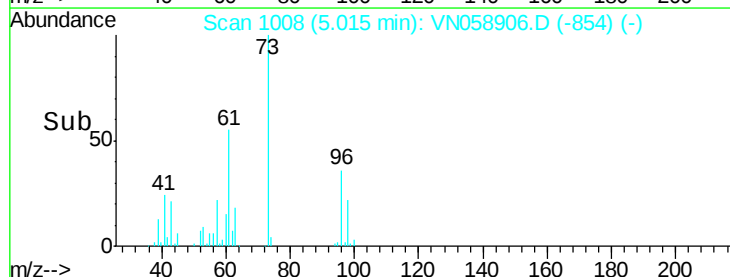
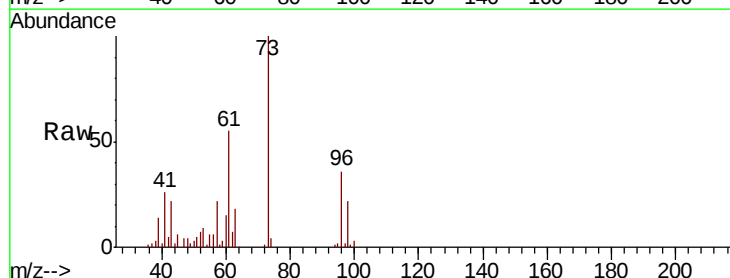
MMDadoda
 10/23/2019 3:09:40 PM

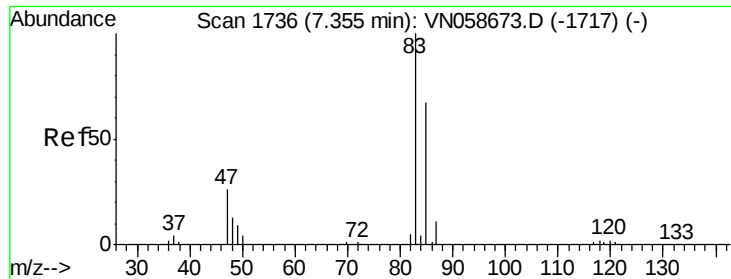


#24

Methyl tert-Butyl Ether
 Concen: 19.485 ug/l
 RT: 5.01 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion: 73 Resp: 203900
 Ion Ratio Lower Upper
 73 100
 43 23.1 17.9 26.9





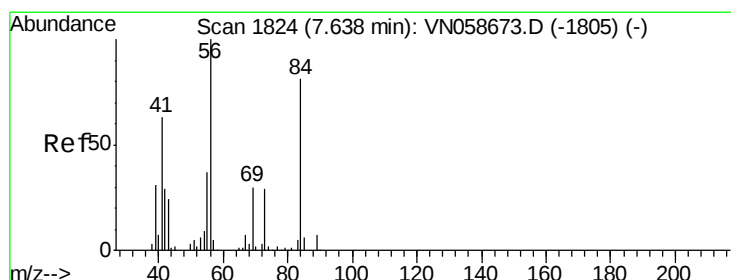
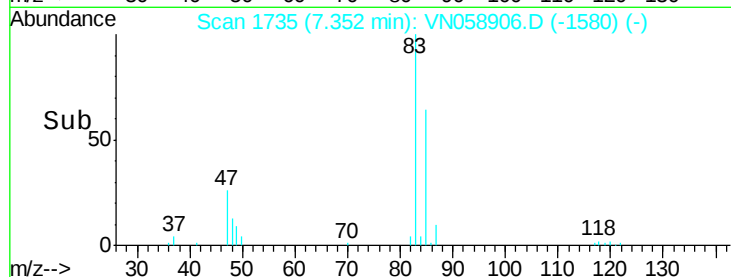
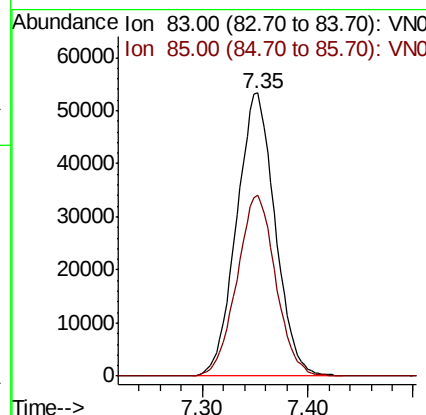
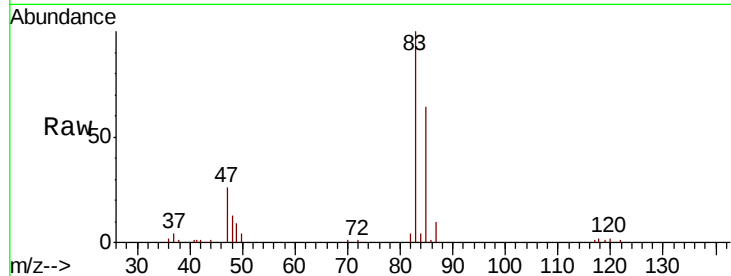
#25
Chloroform
Concen: 21.522 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	135207
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	53.8	80.8

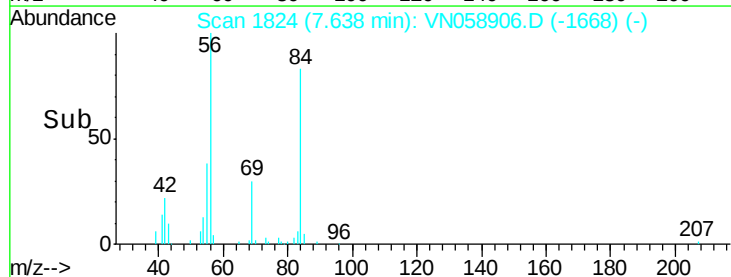
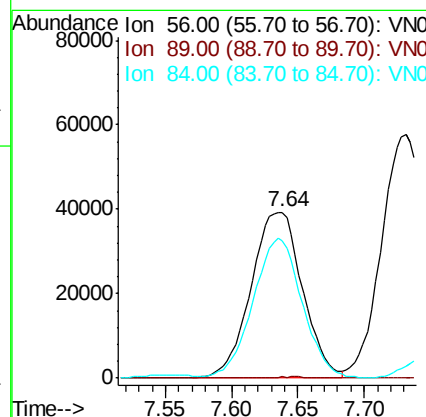
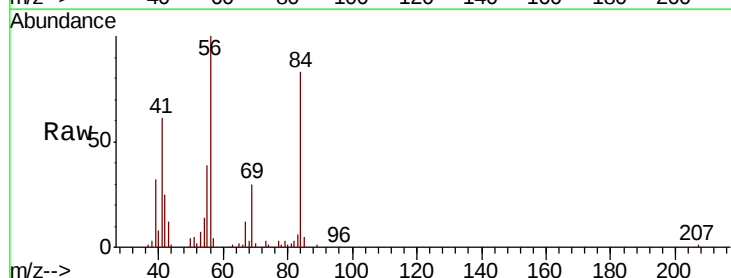
Manual Integrations
APPROVED

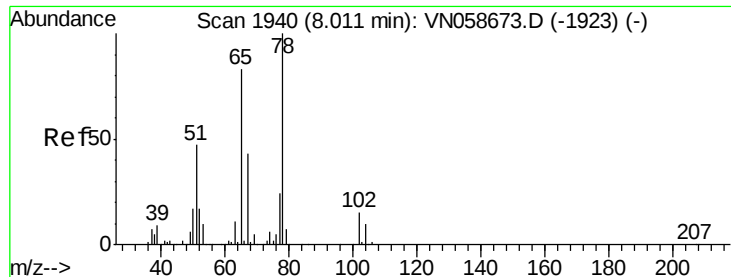
MMDadoda
10/23/2019 3:09:40 PM



#26
Cyclohexane
Concen: 19.224 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	56	Resp	106286
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	6.2	9.2#
84	80.9	65.6	98.4





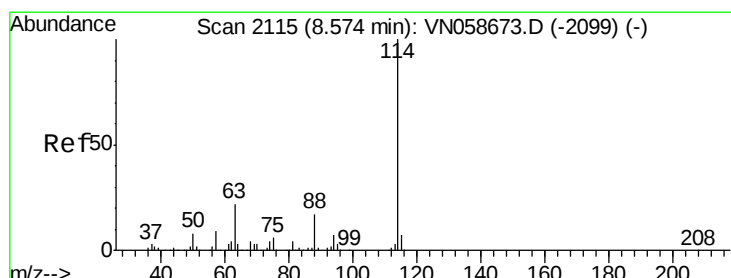
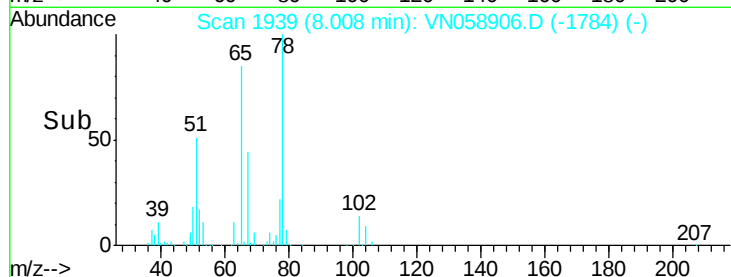
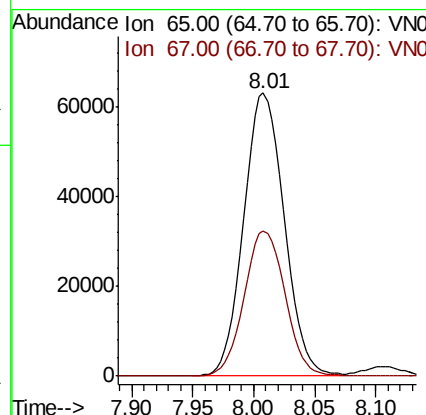
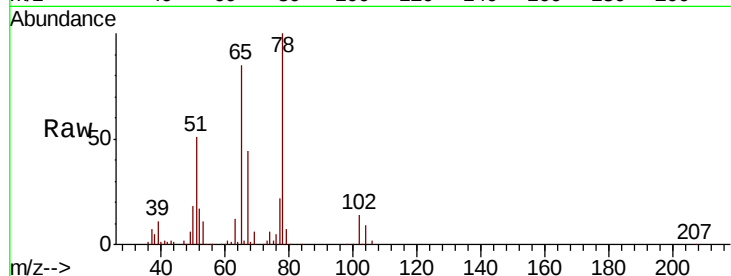
#27
 1,2-Dichloroethane-d4
 Concen: 32.040 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	41.5	62.3

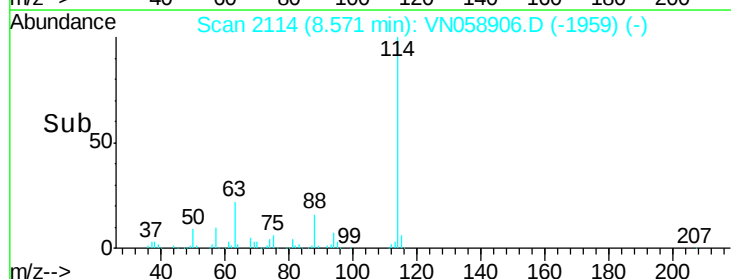
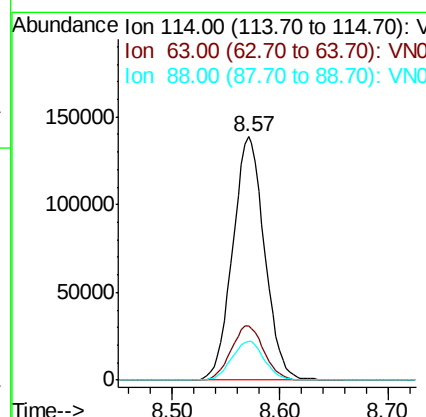
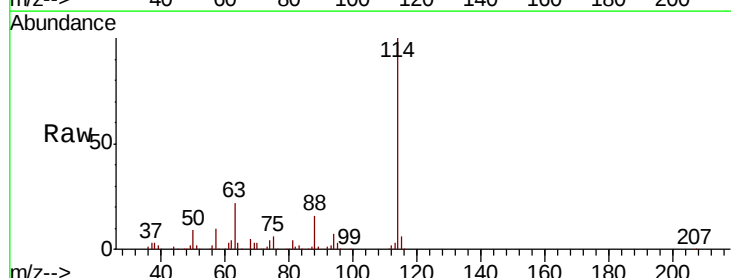
Manual Integrations
 APPROVED

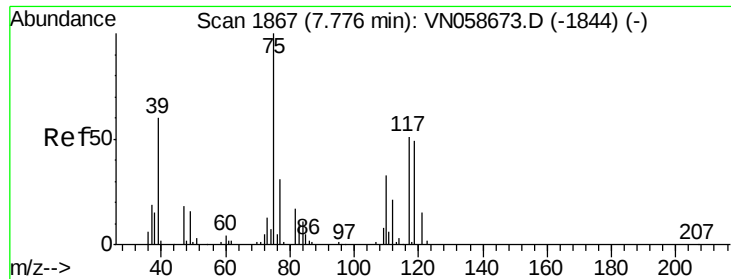
MMDadoda
 10/23/2019 3:09:40 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.8	18.1	27.1
88	16.2	13.0	19.4





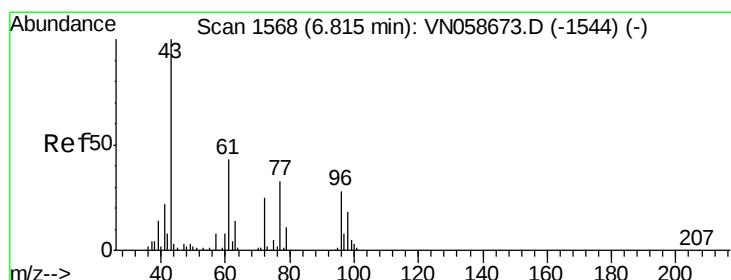
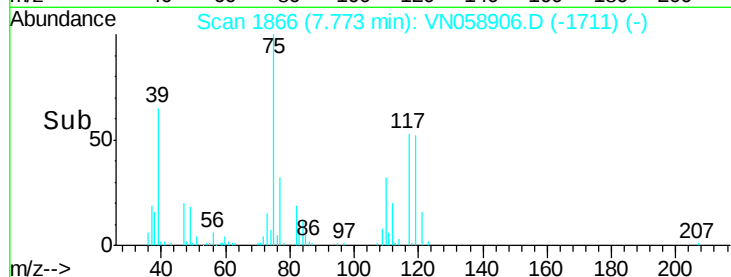
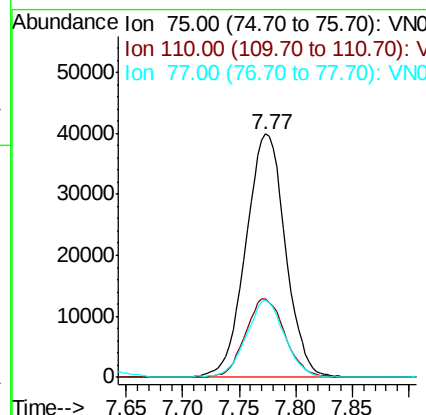
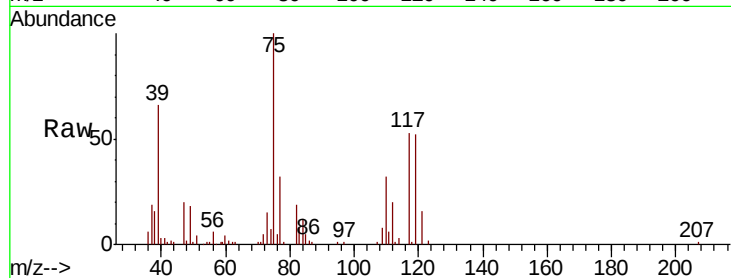
#29
 1,1-Dichloropropene
 Concen: 21.659 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	75	Resp	97209
Ion	Ratio	Lower	Upper
75	100		
110	32.2	0.0	64.6
77	30.6	0.0	60.8

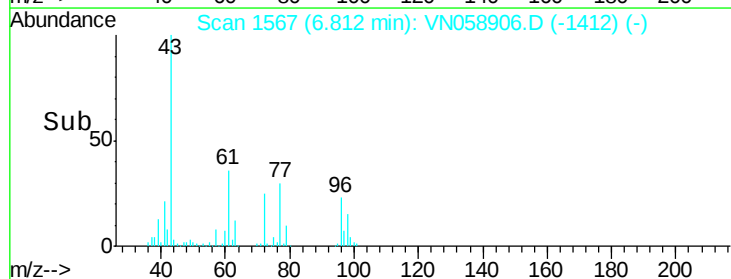
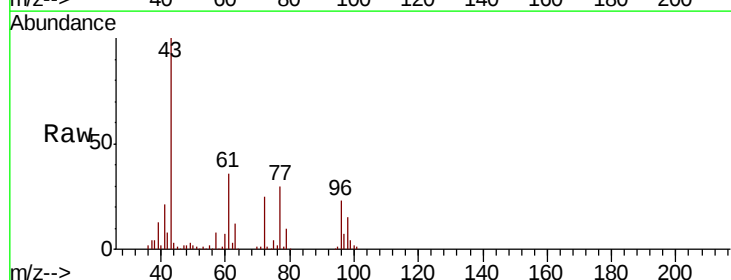
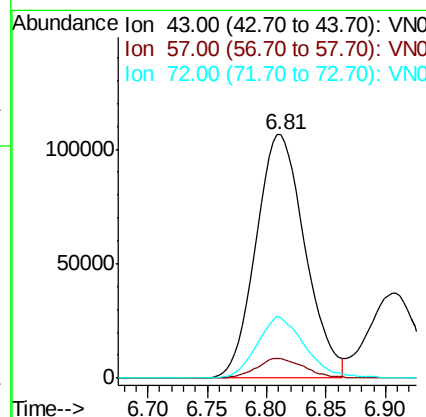
Manual Integrations
 APPROVED

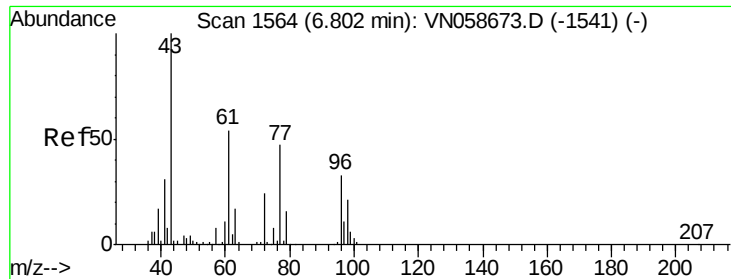
MMDadoda
 10/23/2019 3:09:40 PM



#30
 2-Butanone
 Concen: 119.963 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	43	Resp	304258
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.5	9.7
72	24.8	20.1	30.1





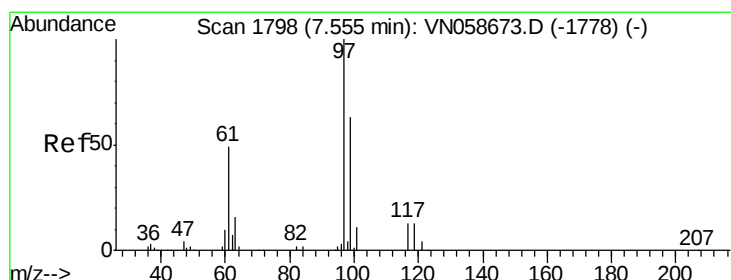
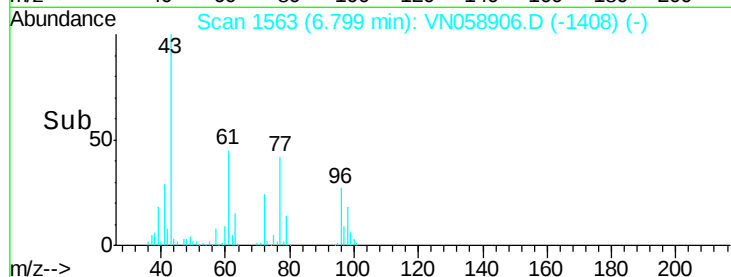
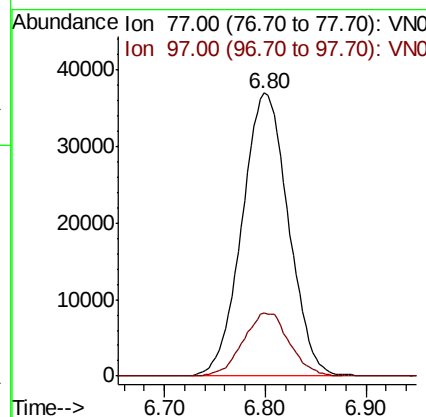
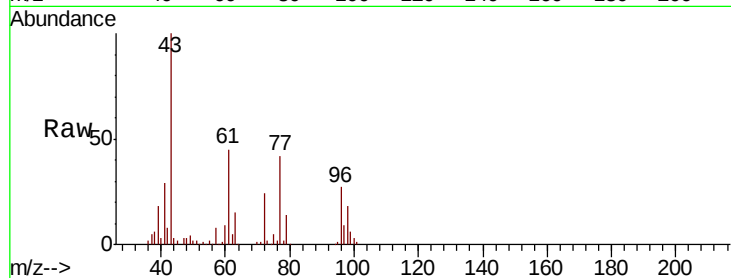
#31
 2,2-Dichloropropane
 Concen: 22.300 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	12.1	17.9	26.9#

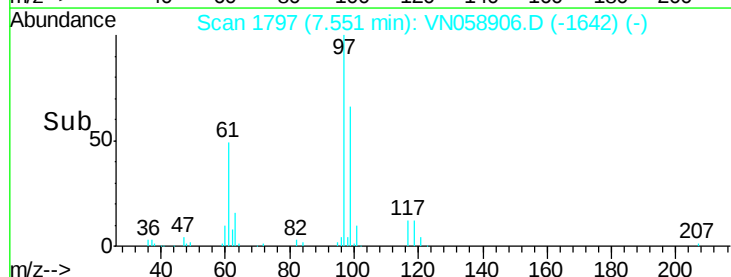
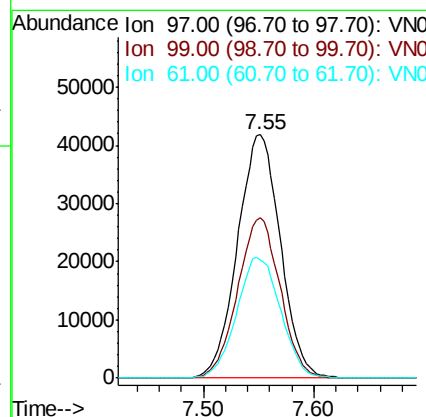
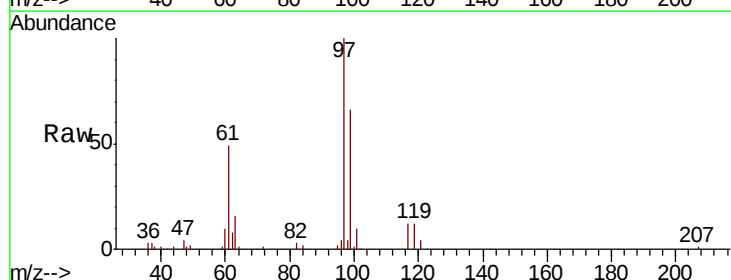
Manual Integrations
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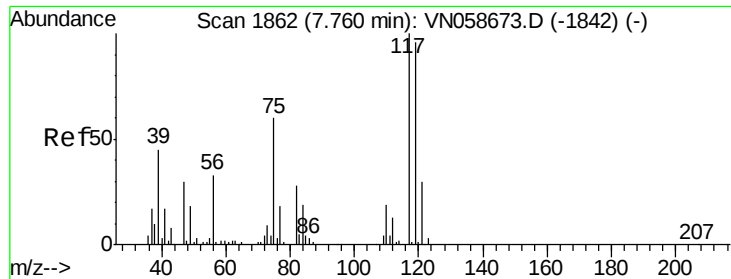
MMDadoda
 10/23/2019 3:09:40 PM



#32
 1,1,1-Trichloroethane
 Concen: 21.718 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	50.8	38.4	57.6





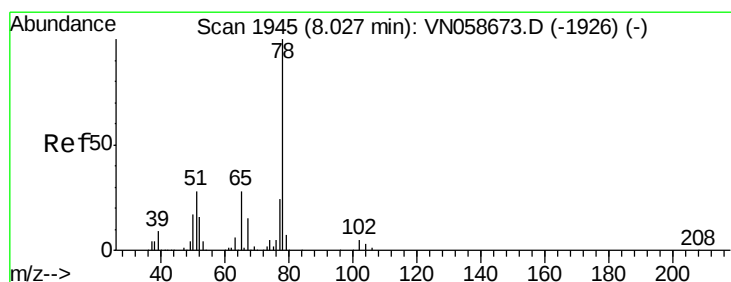
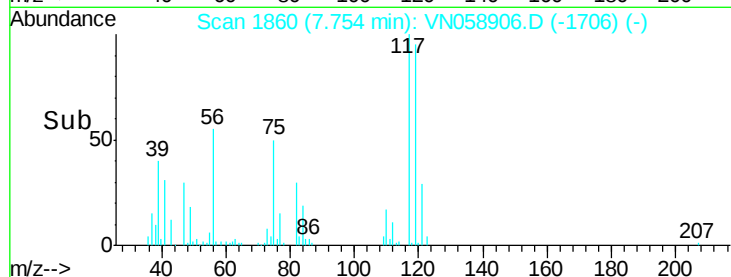
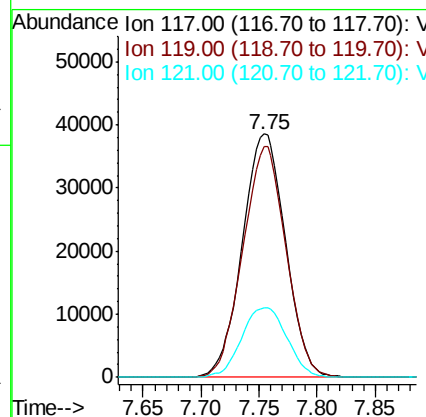
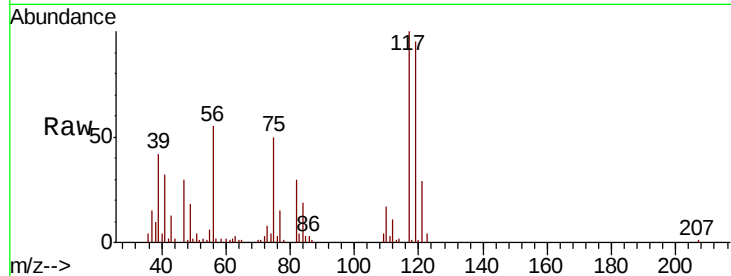
#33
Carbon Tetrachloride
Concen: 22.227 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
121	28.6	23.8	35.8

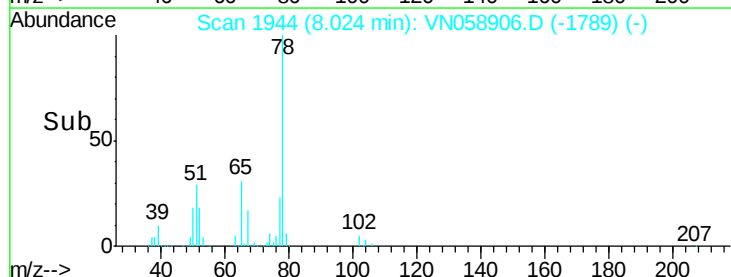
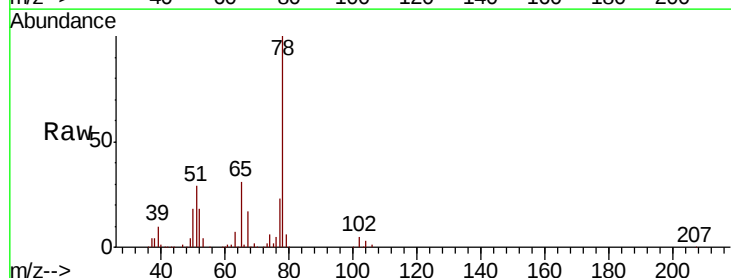
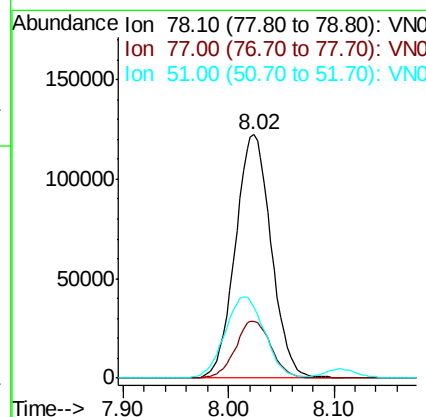
Manual Integrations
APPROVED

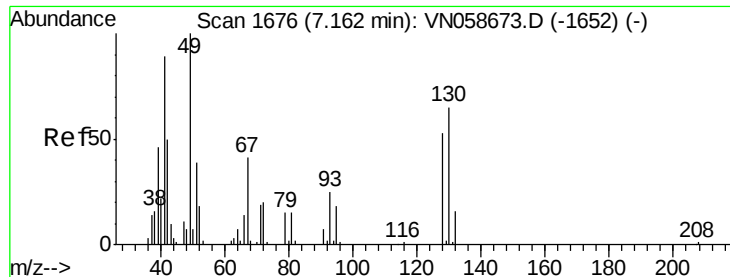
MMDadoda
10/23/2019 3:09:40 PM



#34
Benzene
Concen: 21.820 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8
51	28.7	22.1	33.1





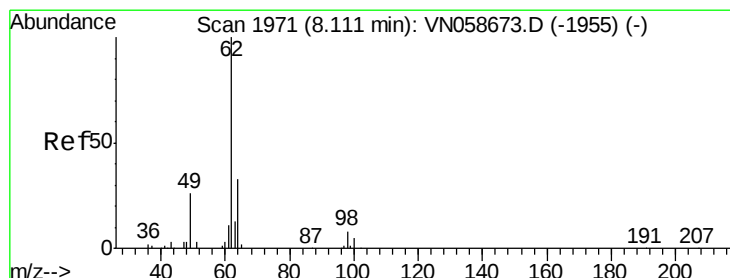
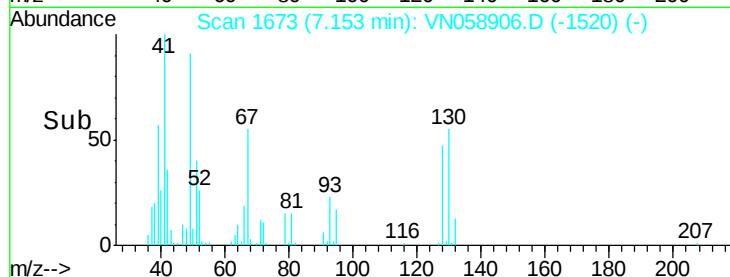
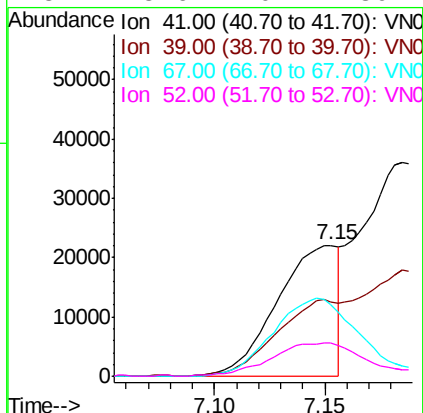
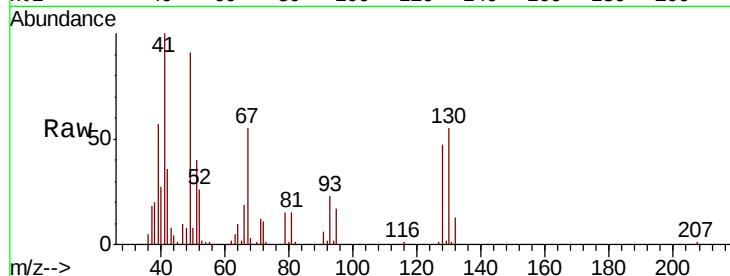
#35
Methacrylonitrile
Concen: 18.947 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.8	25.8	77.4
67	54.9	23.0	69.0
52	25.6	10.1	30.1

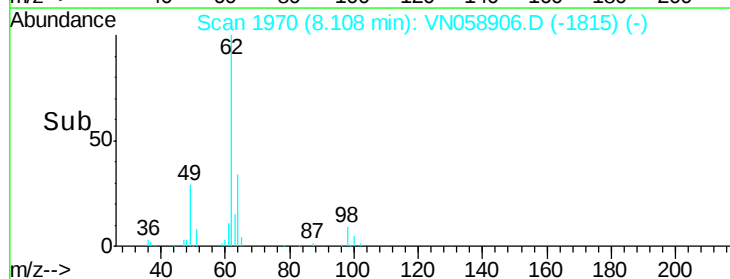
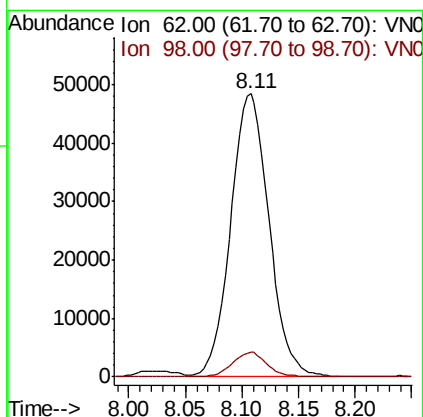
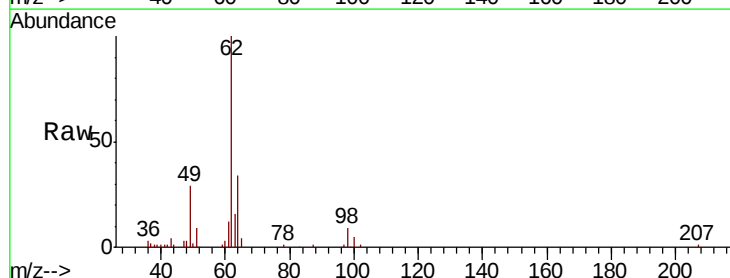
Manual Integrations
APPROVED

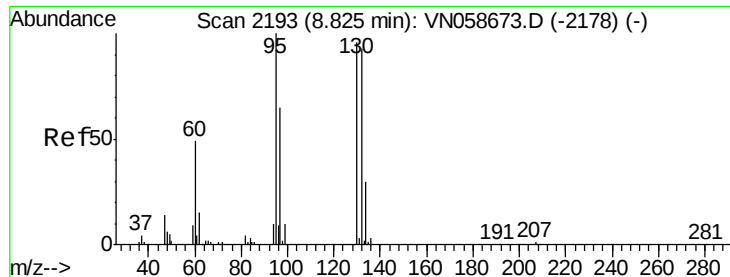
MMDadoda
10/23/2019 3:09:40 PM



#36
1,2-Dichloroethane
Concen: 22.604 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.4	9.6





#37

Trichloroethene

Concen: 21.326 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 69228

Ion Ratio Lower Upper

130 100

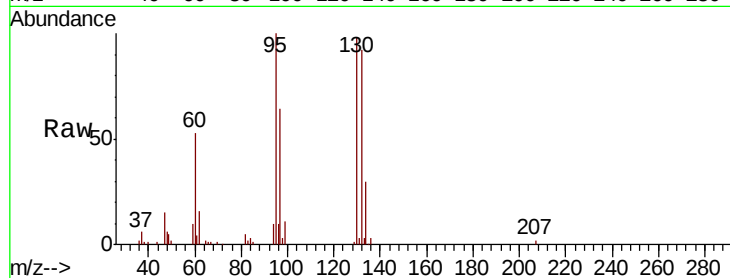
95 102.4 83.2 124.8

Manual Integrations

APPROVED

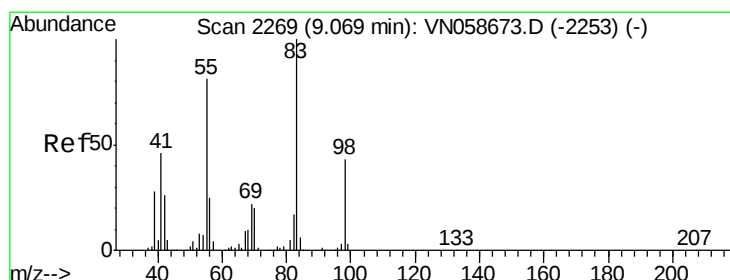
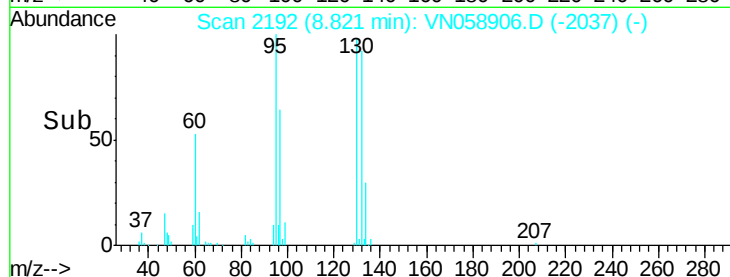
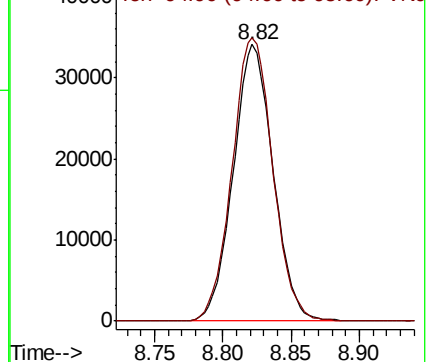
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VNO



#38

Methylcyclohexane

Concen: 19.313 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

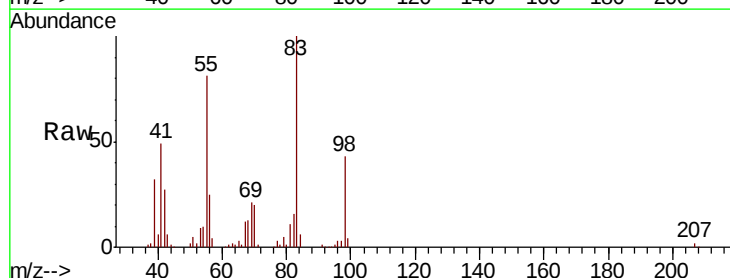
Tgt Ion: 83 Resp: 100500

Ion Ratio Lower Upper

83 100

55 84.8 40.4 121.1

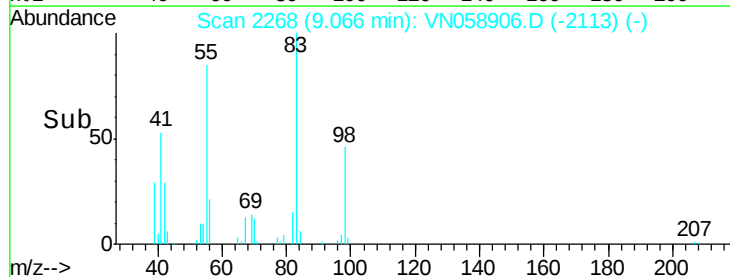
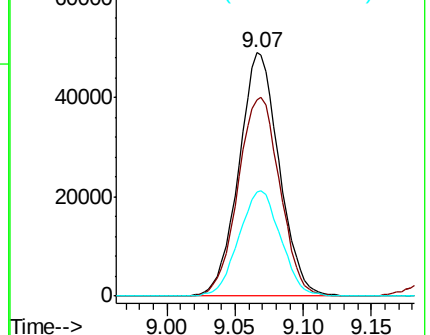
98 45.0 21.6 65.0



Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





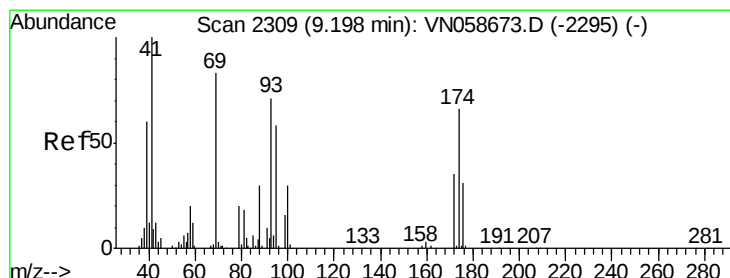
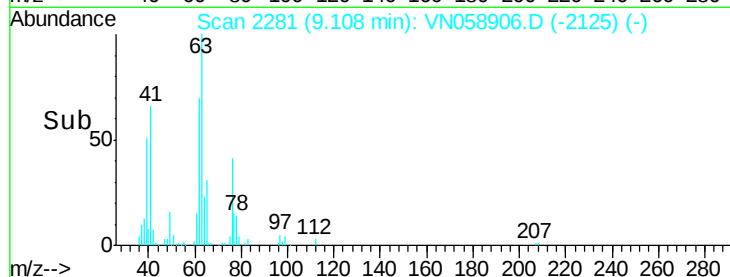
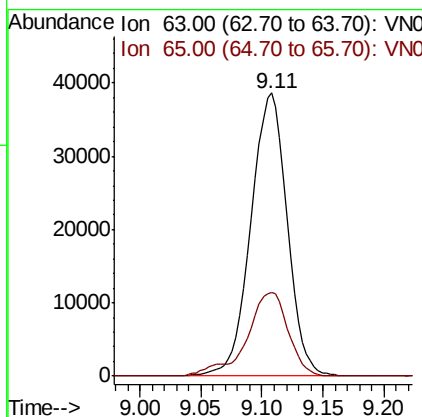
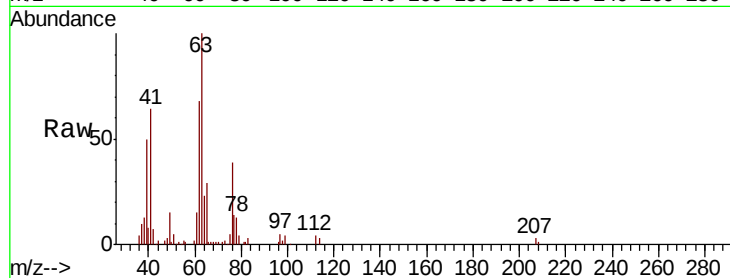
#39
 1,2-Dichloropropane
 Concen: 22.016 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	23.8	35.6

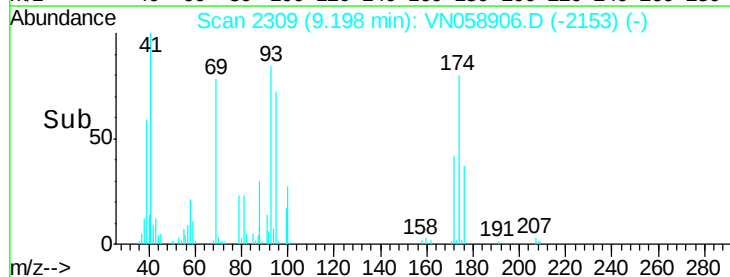
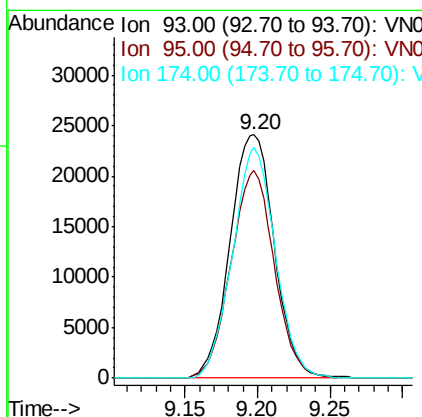
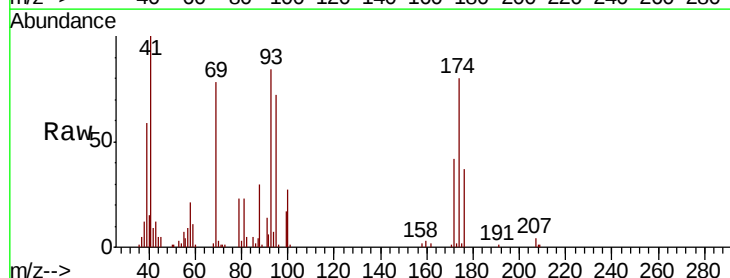
Manual Integrations
 APPROVED

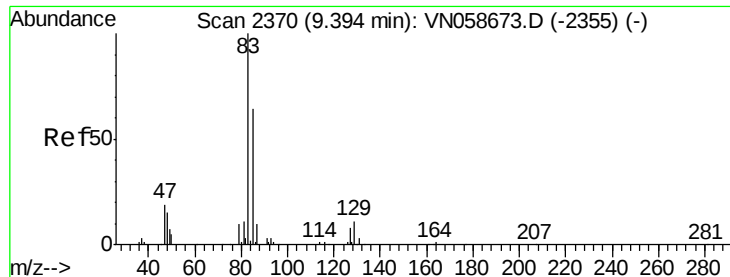
MMDadoda
 10/23/2019 3:09:40 PM



#40
 Dibromomethane
 Concen: 22.407 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	167.6
174	91.5	0.0	187.2





#41

Bromodichloromethane

Concen: 22.516 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

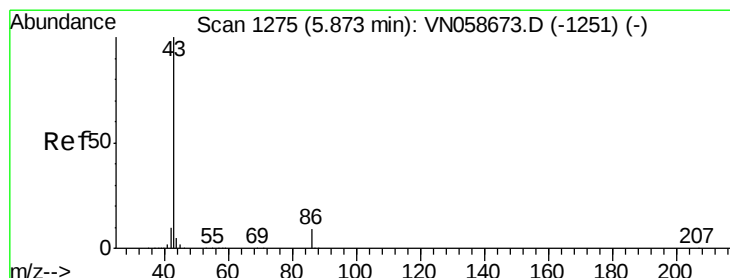
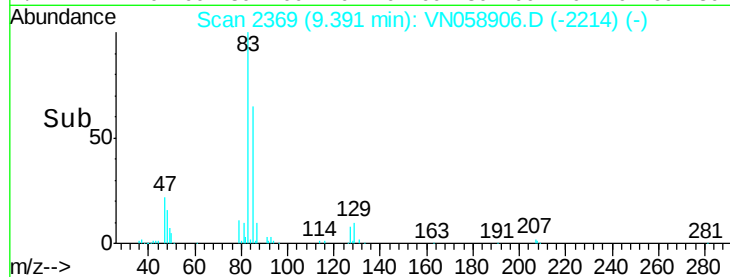
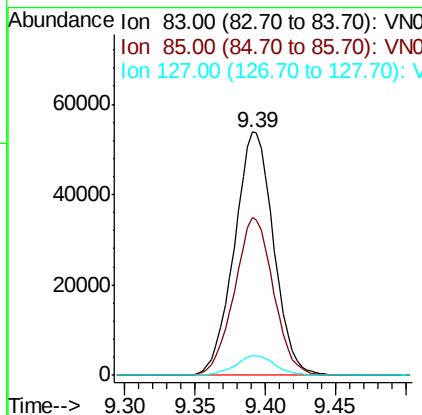
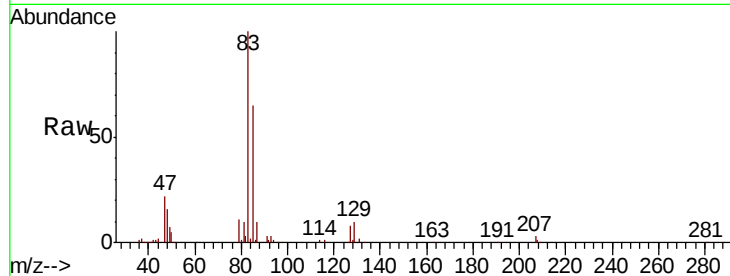
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	104854
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.0	76.4
127	8.1	6.6	9.8

Manual Integrations
APPROVED

MMDadoda
10/23/2019 3:09:40 PM



#42

Vinyl Acetate

Concen: 108.771 ug/l

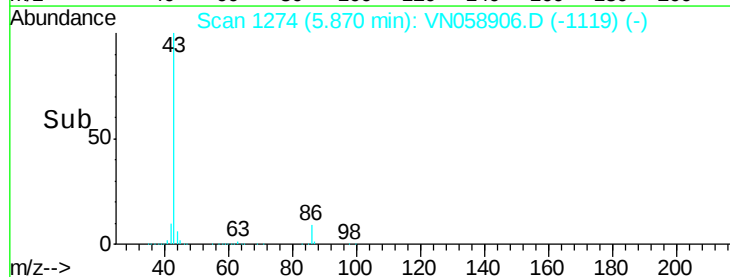
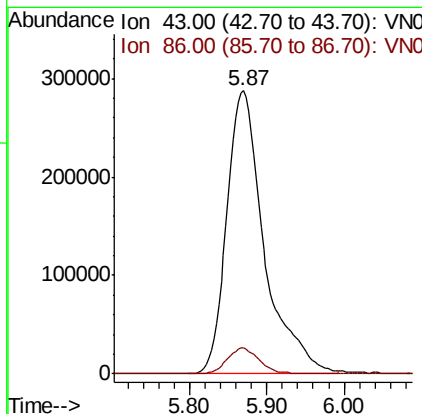
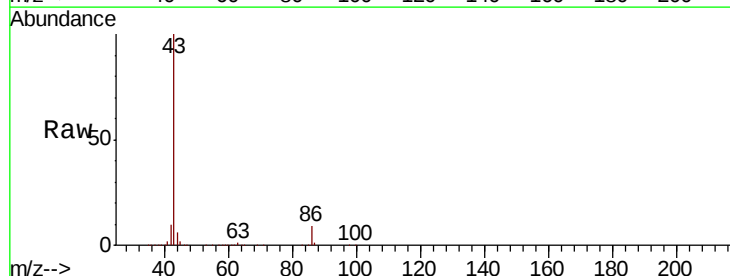
RT: 5.87 min Scan# 1274

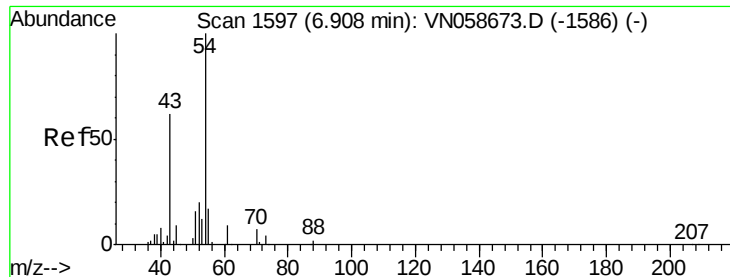
Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion:	43	Resp:	966172
Ion Ratio	Lower	Upper	
43	100		
86	7.9	6.5	9.7





#43

Ethyl Acetate

Concen: 20.821 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 103650

Ion Ratio Lower Upper

43 100

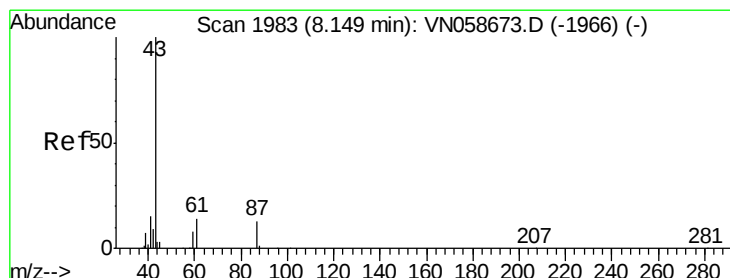
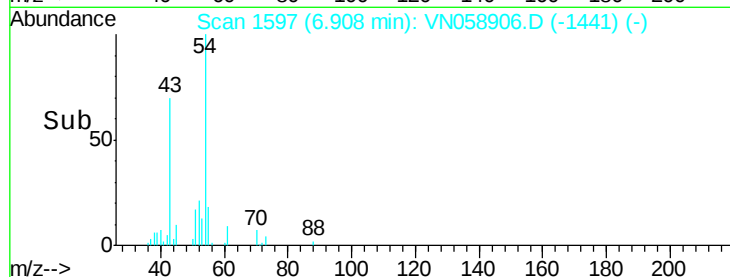
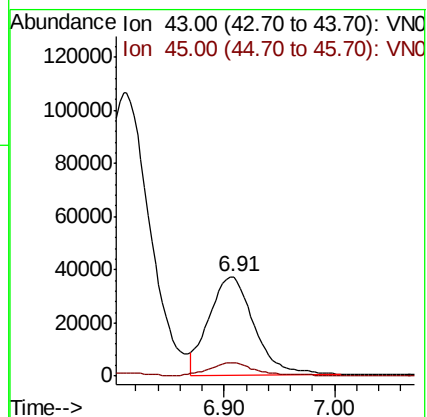
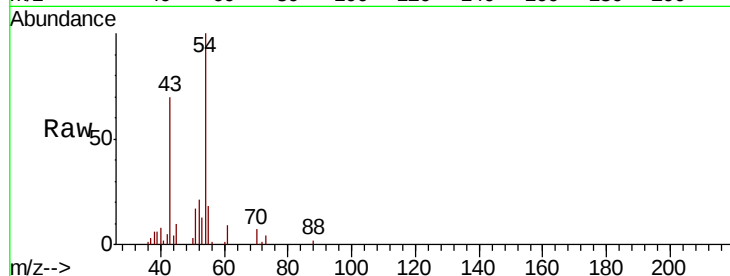
45 12.8 9.7 14.5

Manual Integrations

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#44

Isopropyl Acetate

Concen: 19.994 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN058906.D

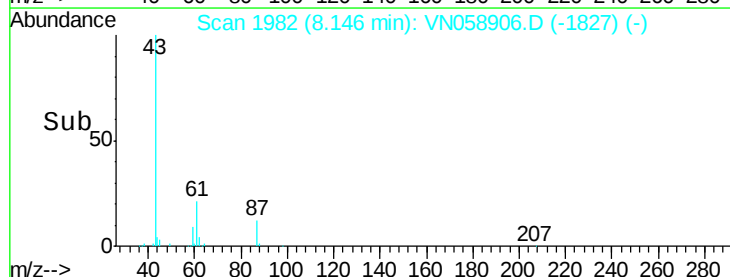
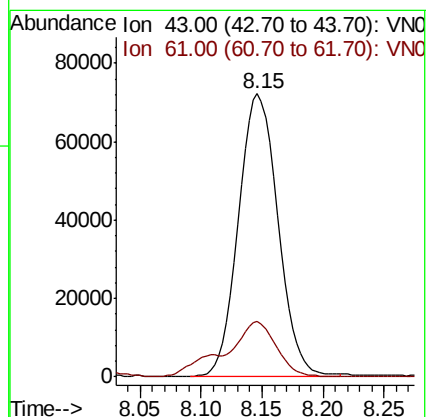
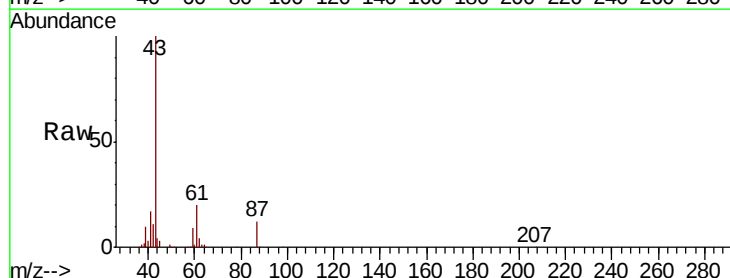
Acq: 22 Oct 2019 14:11

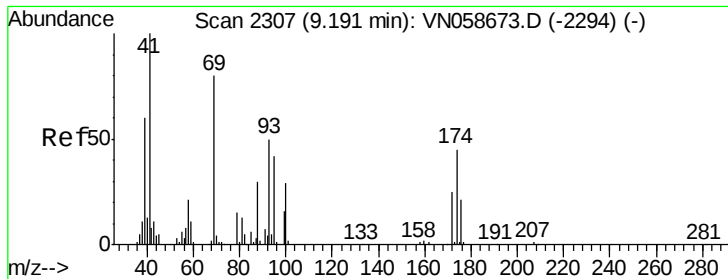
Tgt Ion: 43 Resp: 161226

Ion Ratio Lower Upper

43 100

61 18.9 19.9 29.9#





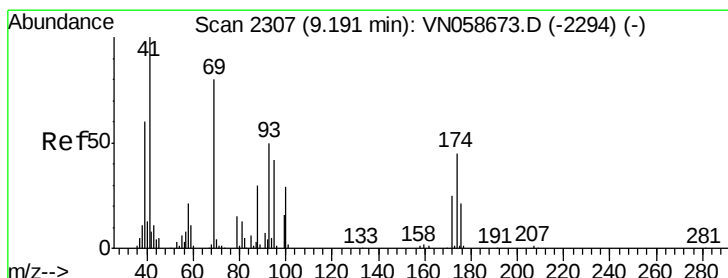
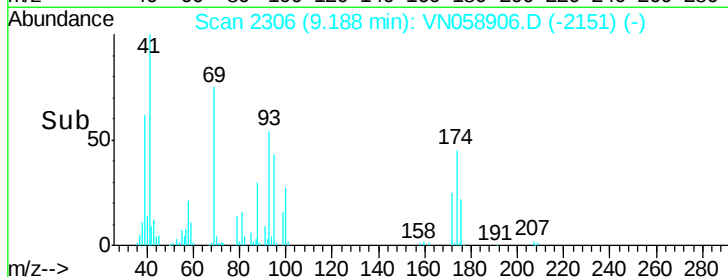
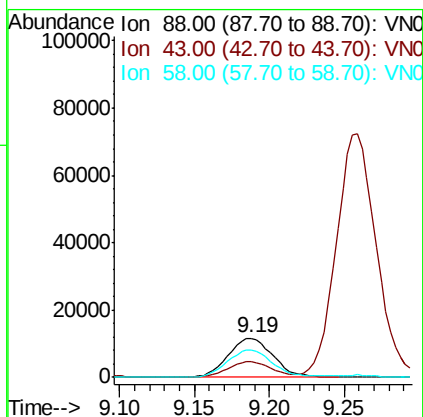
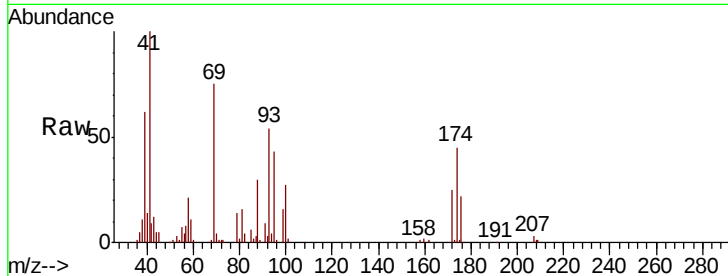
#45
 1,4-Dioxane
 Concen: 389.310 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.8	44.8
58	71.1	58.2	87.4

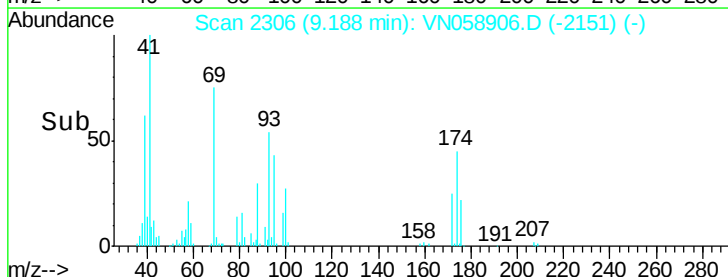
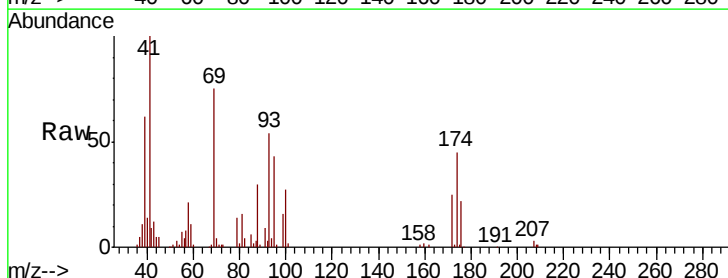
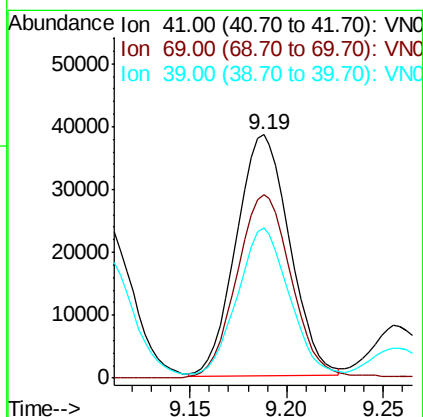
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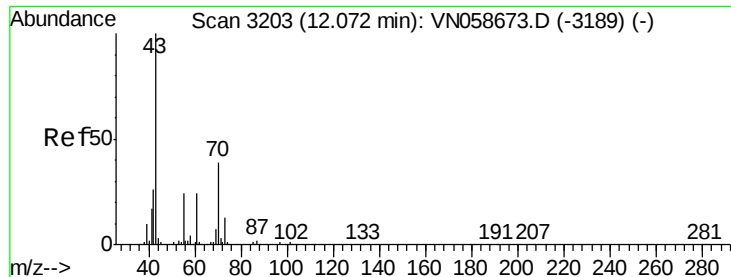
MMDadoda
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#46
 Methyl methacrylate
 Concen: 19.992 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.8	40.2	120.5
39	61.1	29.9	89.8





#47

n-amvl Acetate

Concen: 18.456 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 131927

Ion Ratio Lower Upper

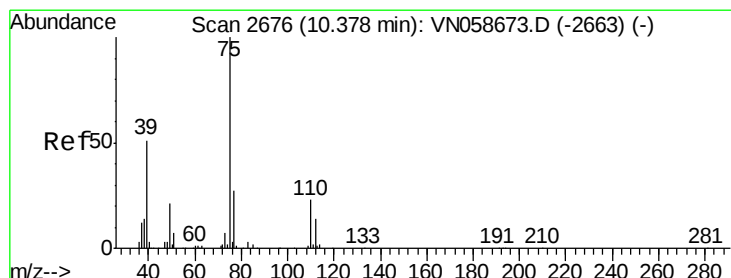
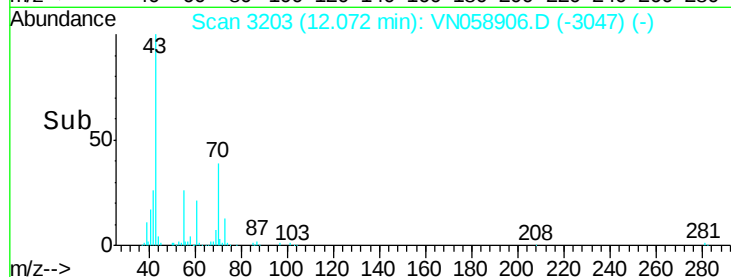
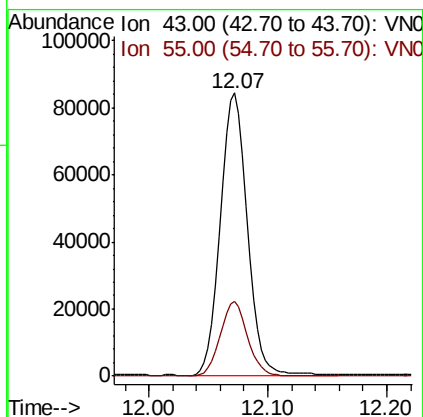
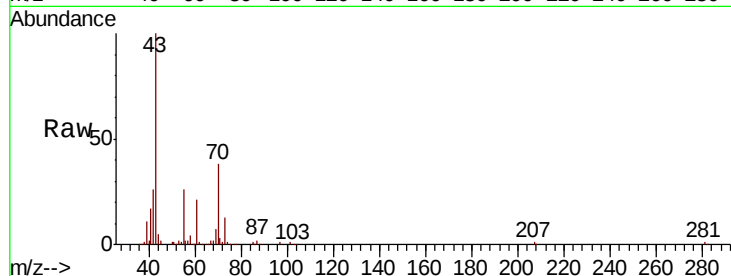
43 100

55 26.6 19.6 29.4

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#48

t-1,3-Dichloropropene

Concen: 20.868 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058906.D

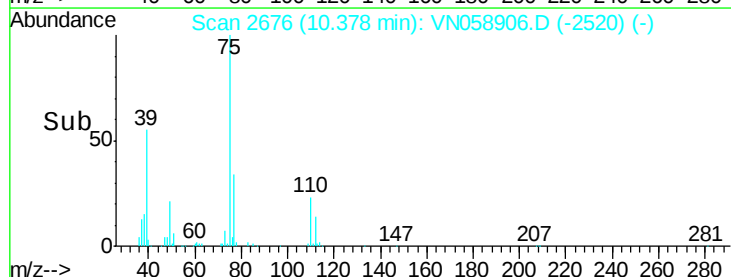
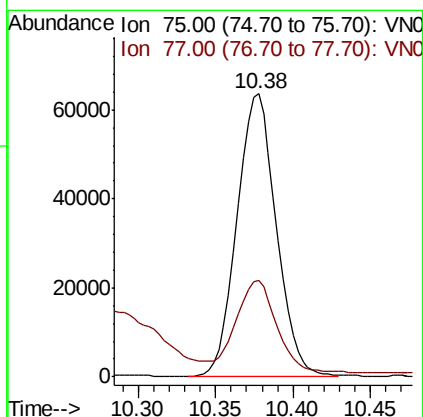
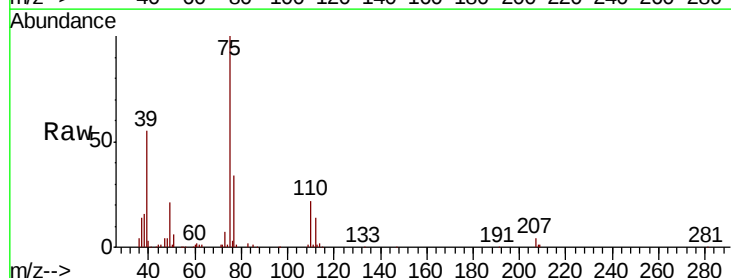
Acq: 22 Oct 2019 14:11

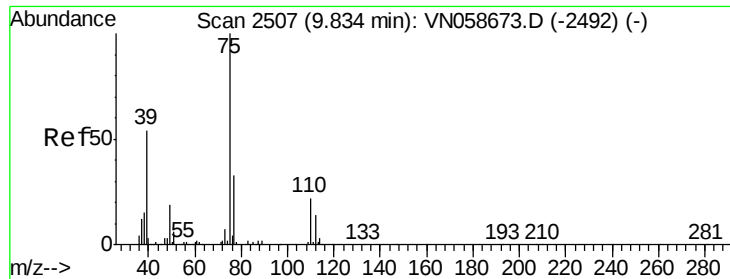
Tgt Ion: 75 Resp: 112707

Ion Ratio Lower Upper

75 100

77 32.2 27.0 40.4





#49

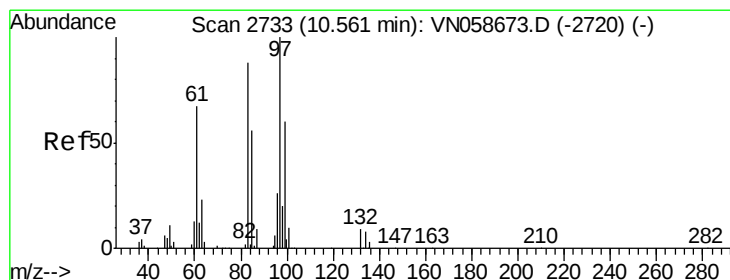
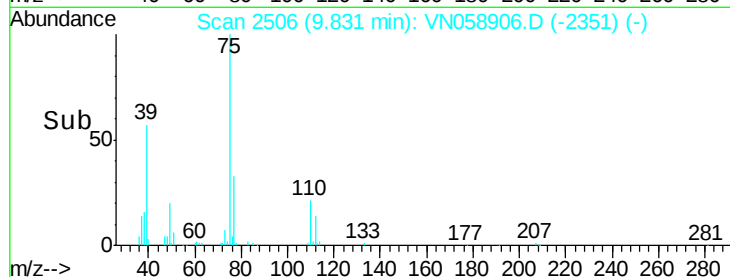
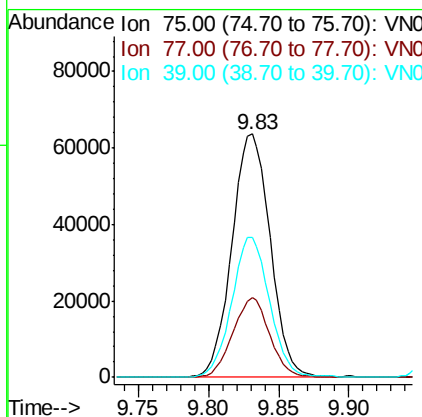
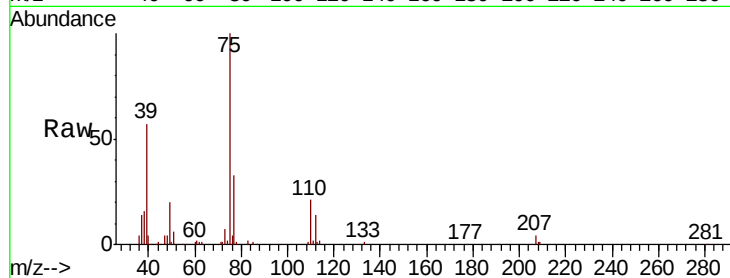
cis-1,3-Dichloropropene
Concen: 21.417 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.1	39.1
39	57.5	43.1	64.7

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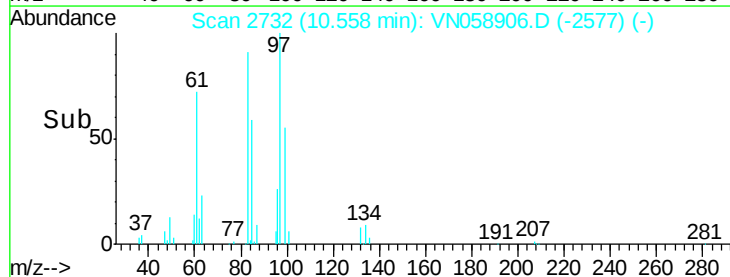
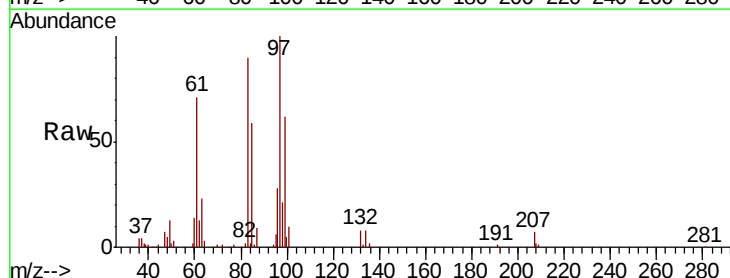
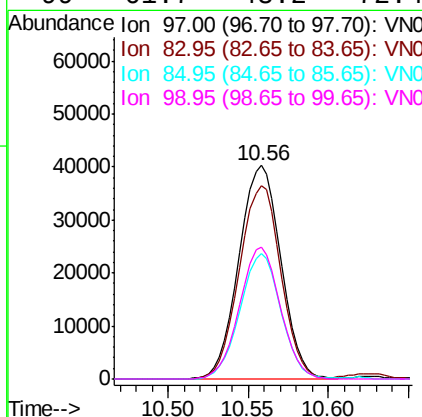
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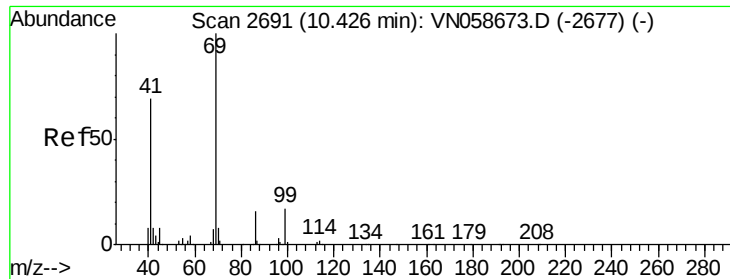


#50

1,1,2-Trichloroethane
Concen: 22.244 ug/l
RT: 10.56 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.7	106.1
85	58.8	45.1	67.7
99	61.7	48.2	72.4





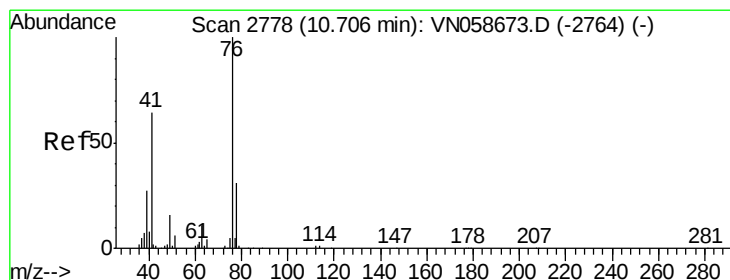
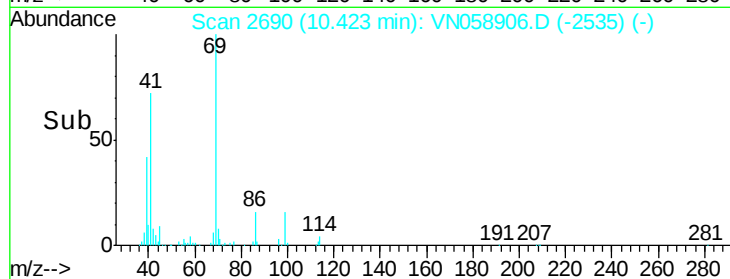
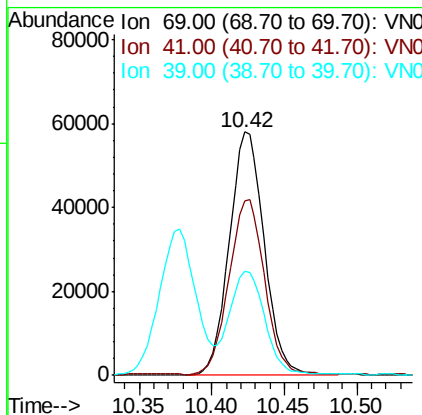
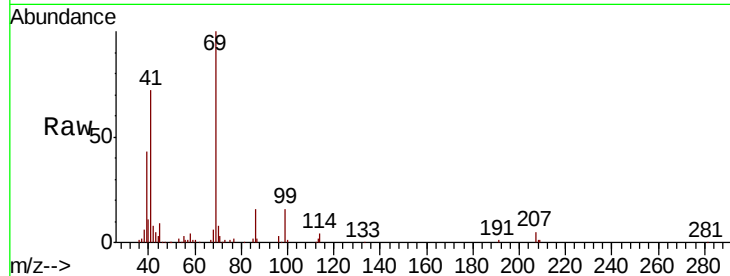
#51
Ethyl methacrylate
Concen: 18.709 ug/l
RT: 10.42 min Scan# 2690
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
69	100		
41	71.2	34.7	104.1
39	41.9	20.3	60.8

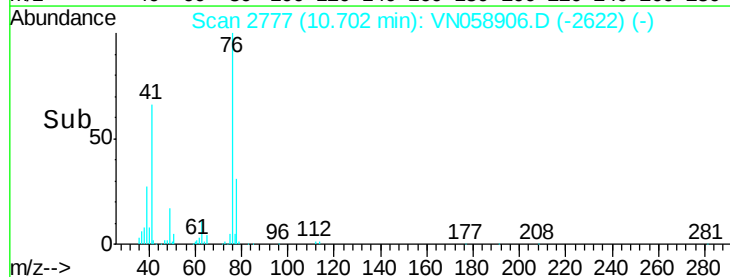
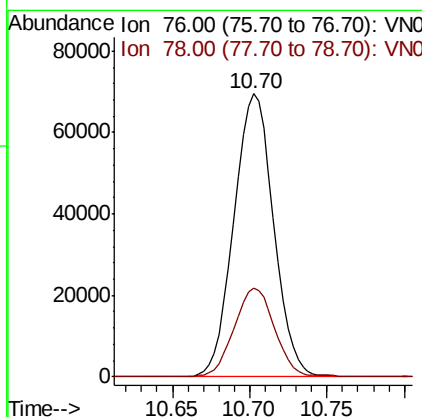
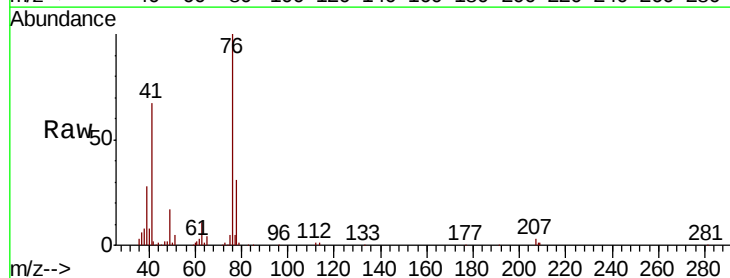
Manual Integrations
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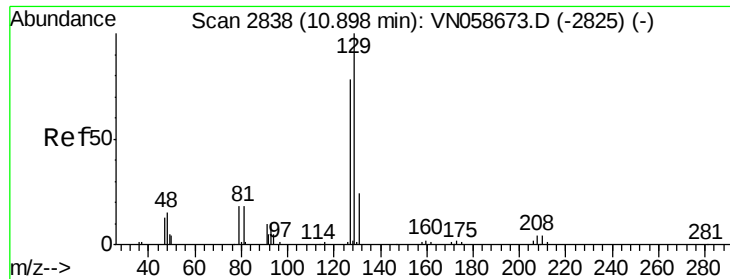
MMDadoda
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#52
1,3-Dichloropropane
Concen: 21.430 ug/l
RT: 10.70 min Scan# 2777
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	63.2





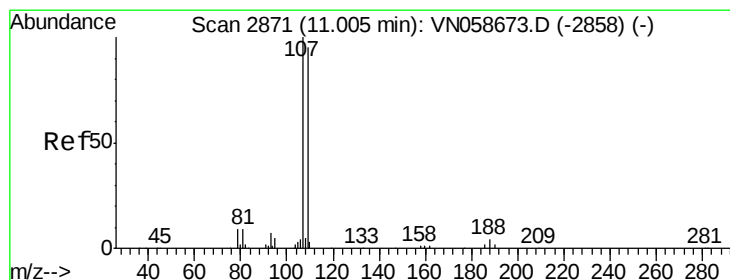
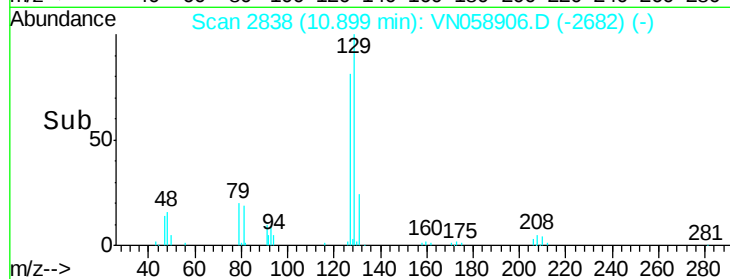
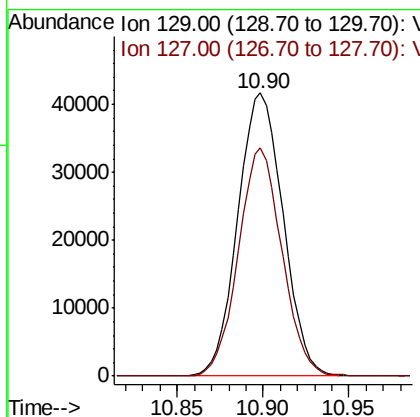
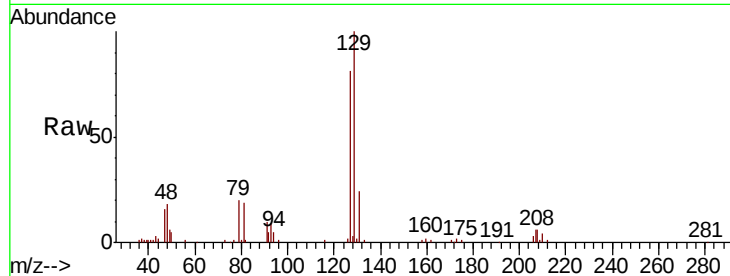
#53
Dibromochloromethane
Concen: 21.886 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:129 Resp: 76432
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5

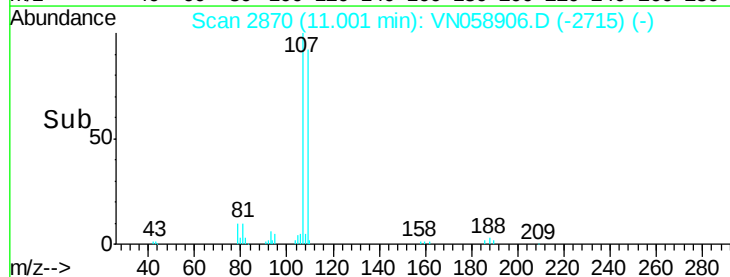
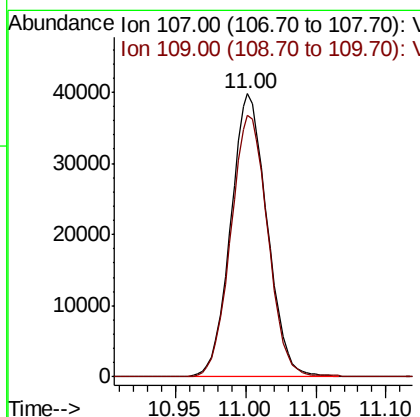
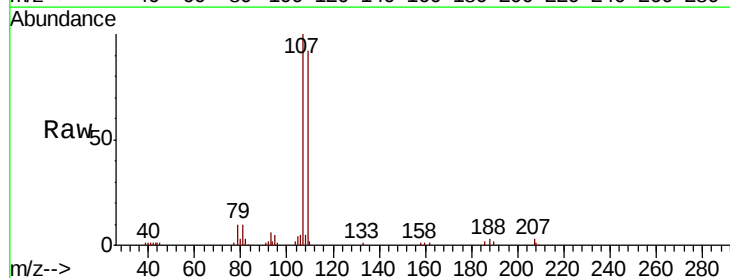
Manual Integrations
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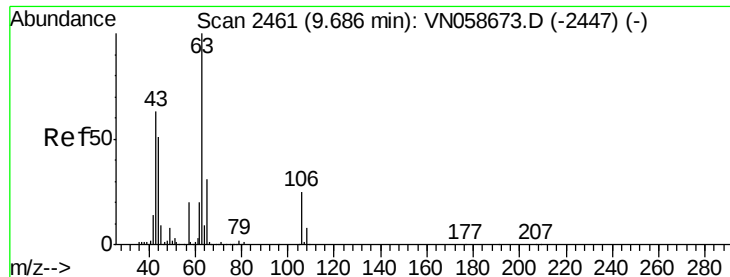
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#54
1,2-Dibromoethane
Concen: 21.286 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion:107 Resp: 71797
Ion Ratio Lower Upper
107 100
109 93.8 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 93.640 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

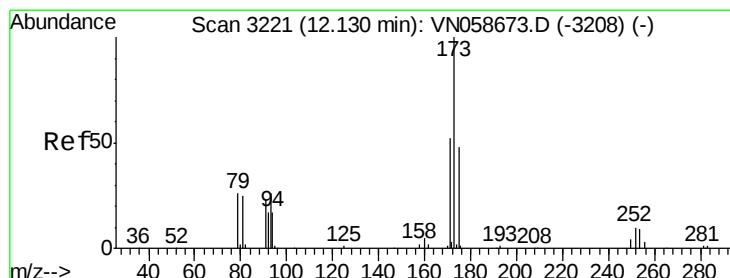
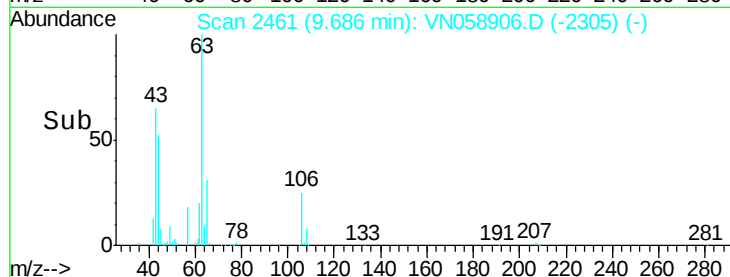
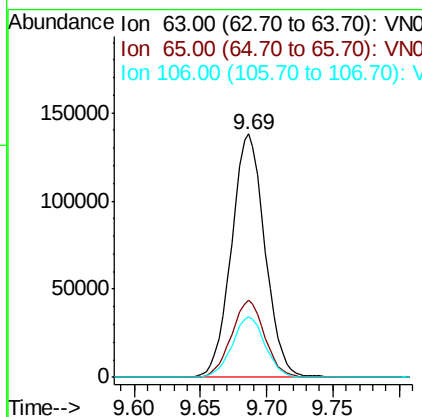
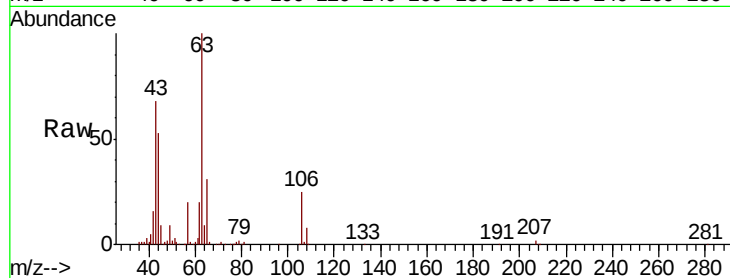
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	242375
Ion Ratio	Lower	Upper	
63	100		
65	31.3	25.3	37.9
106	24.5	19.8	29.6

Manual Integrations
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#56

Bromoform

Concen: 21.288 ug/l

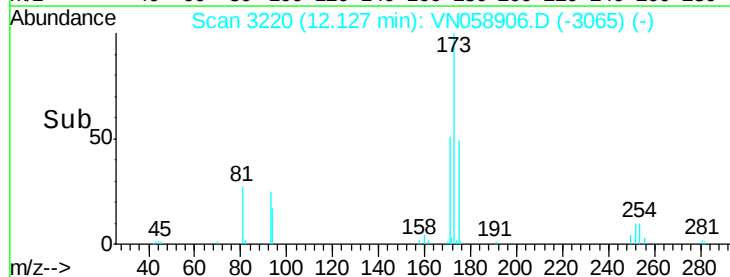
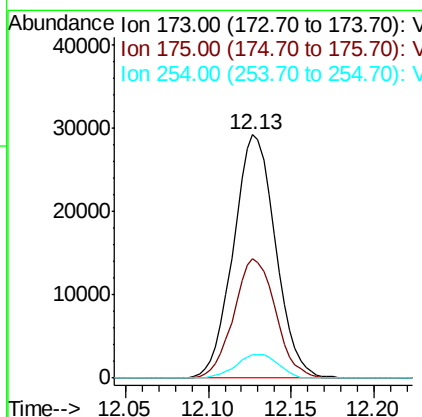
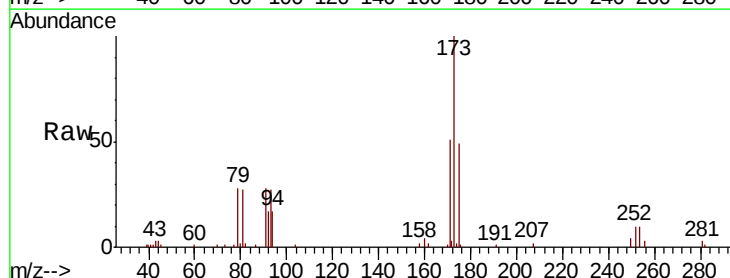
RT: 12.13 min Scan# 3220

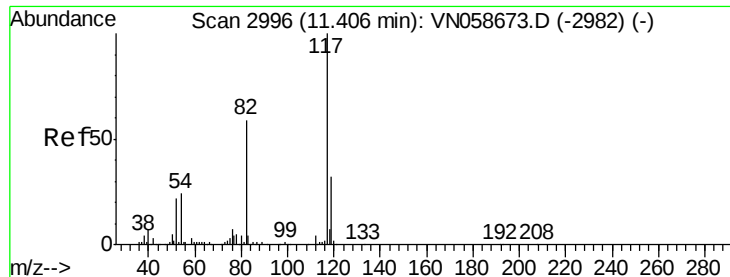
Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion:	173	Resp:	51791
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.7	58.1
254	9.8	7.4	11.2





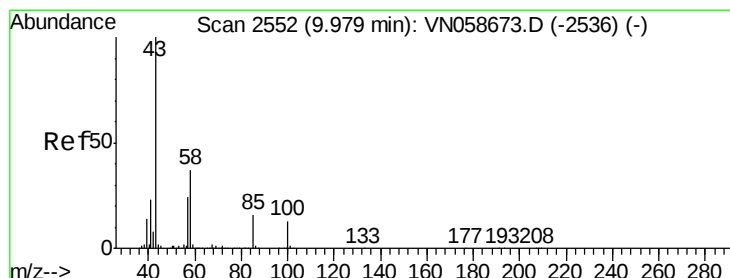
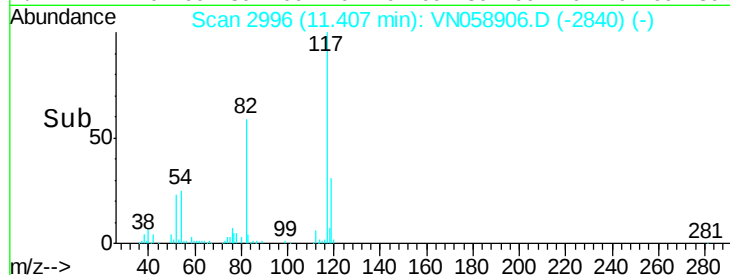
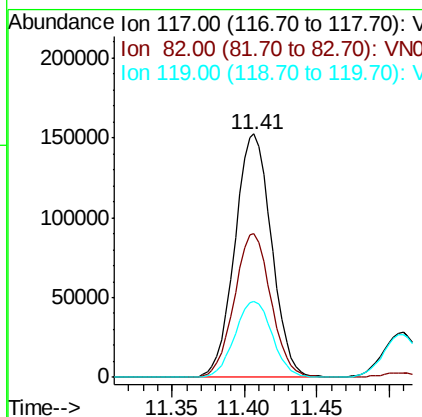
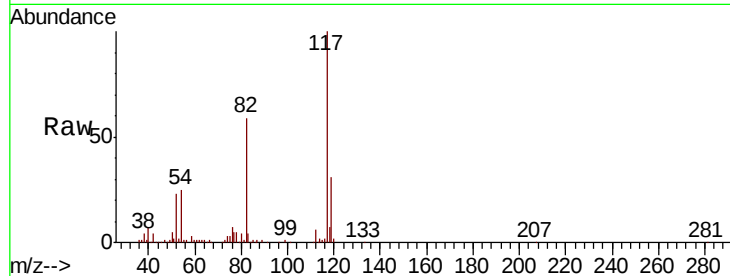
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.9	70.3
119	31.8	25.8	38.6

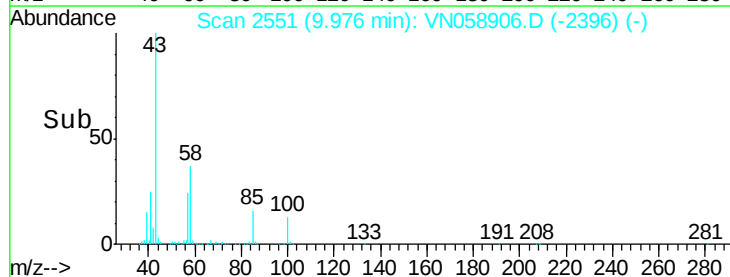
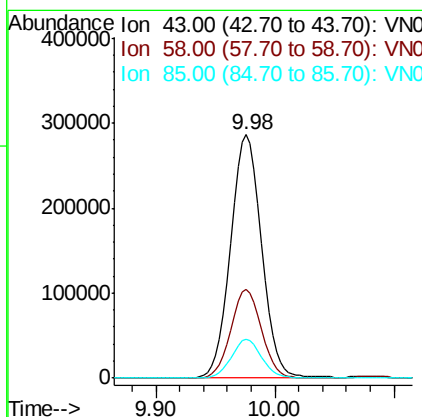
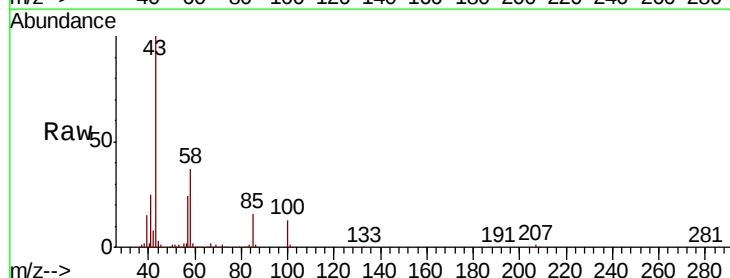
Manual Integrations
APPROVED

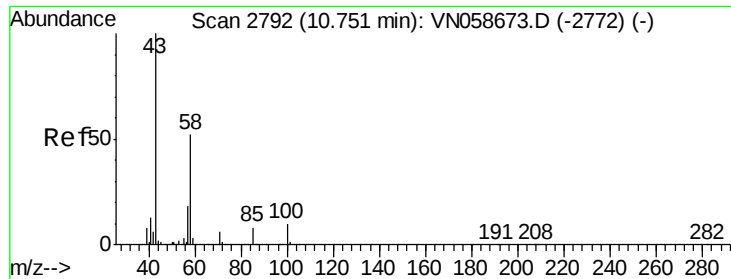
MMDadoda
10/23/2019 3:09:40 PM



#58
4-Methyl-2-Pentanone
Concen: 105.480 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	30.1	45.1
85	15.7	13.2	19.8





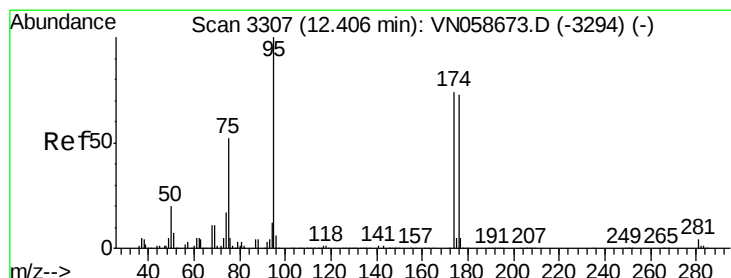
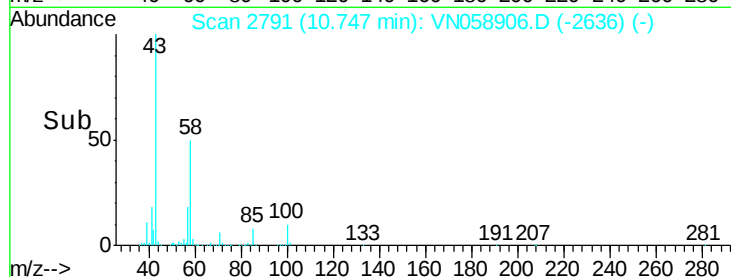
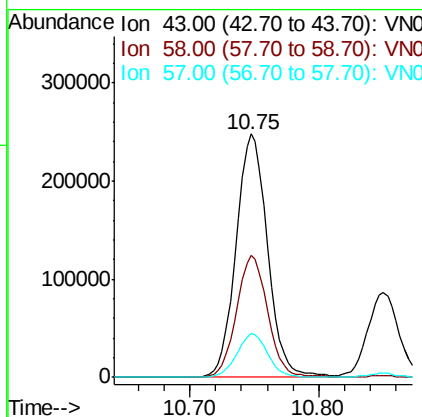
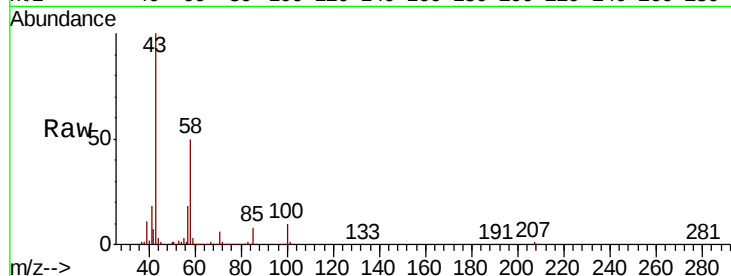
#59
2-Hexanone
Concen: 109.379 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	43	Resp	419976
Ion Ratio	Lower	Upper	
43	100		
58	49.9	41.4	62.0
57	17.7	14.7	22.1

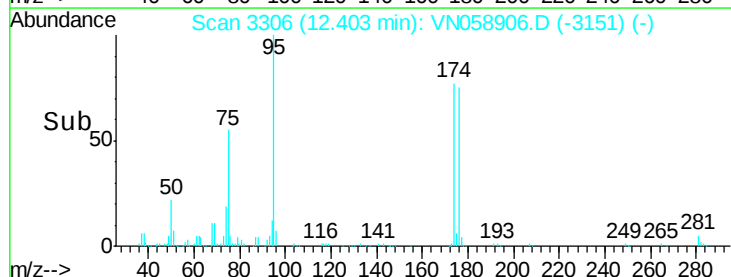
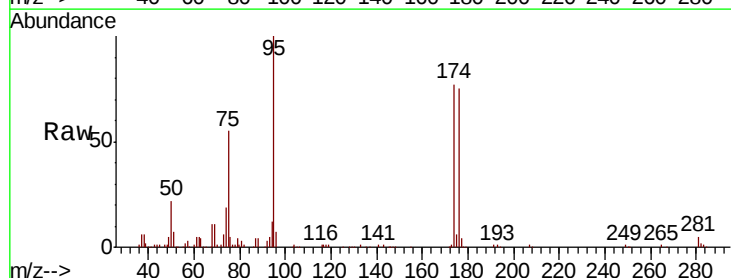
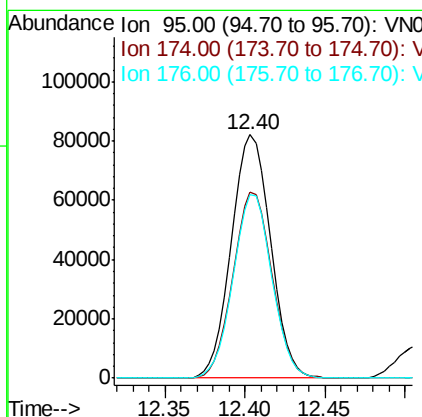
Manual Integrations
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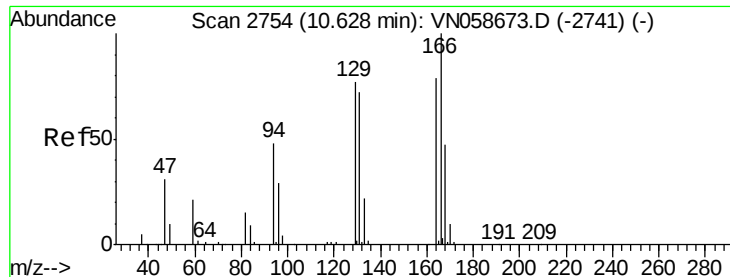
MMDadoda
10/23/2019 3:09:40 PM



#60
4-Bromofluorobenzene
Concen: 29.290 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	95	Resp	137554
Ion Ratio	Lower	Upper	
95	100		
174	76.0	59.9	89.9
176	74.3	58.3	87.5





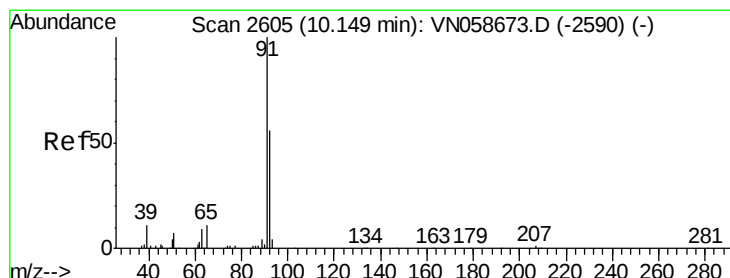
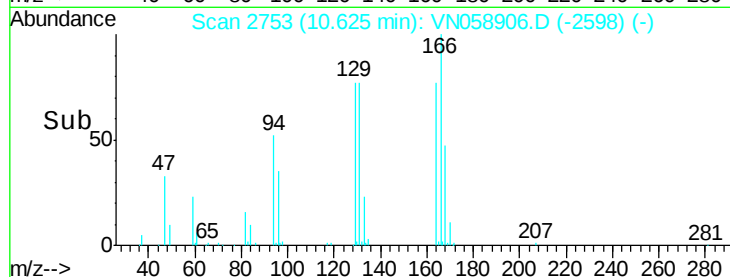
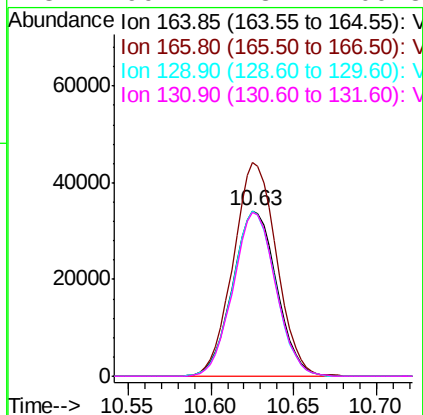
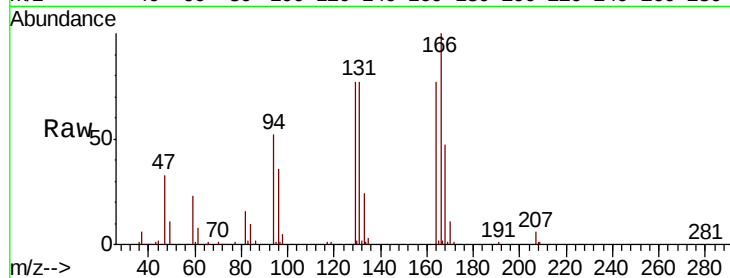
#61
Tetrachloroethene
Concen: 21.763 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.4	152.2
129	100.0	78.1	117.1
131	99.1	73.2	109.8

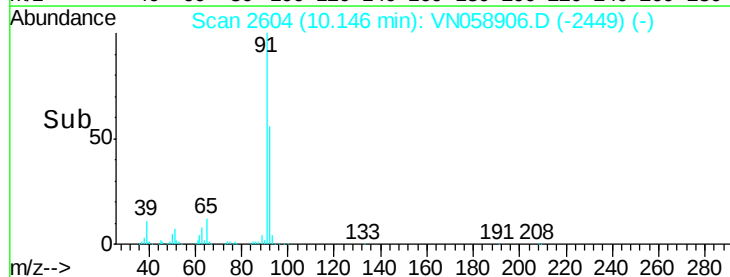
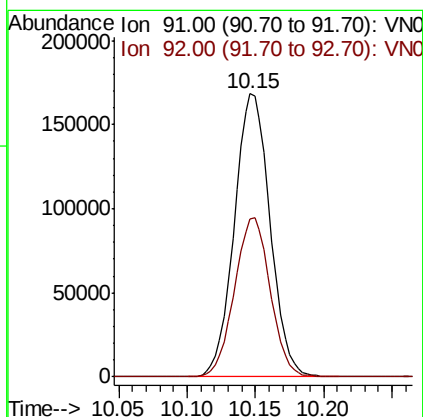
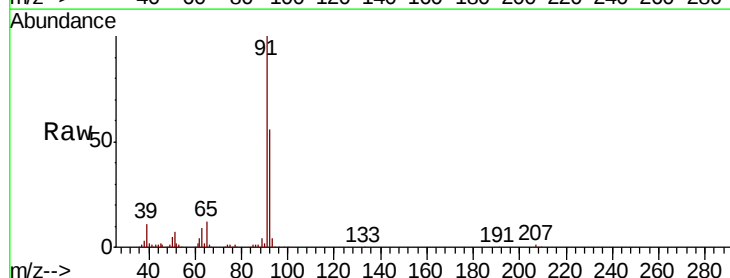
Manual Integrations
APPROVED

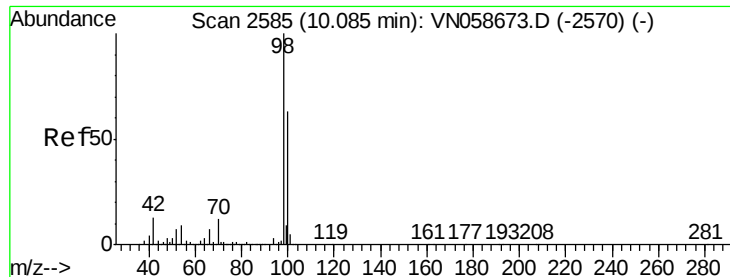
MMDadoda
10/23/2019 3:09:40 PM



#62
Toluene
Concen: 21.205 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.3	45.4	68.2





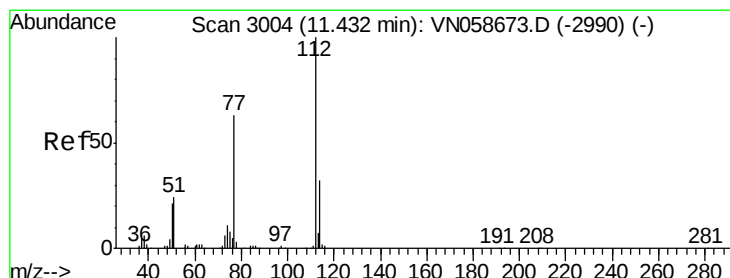
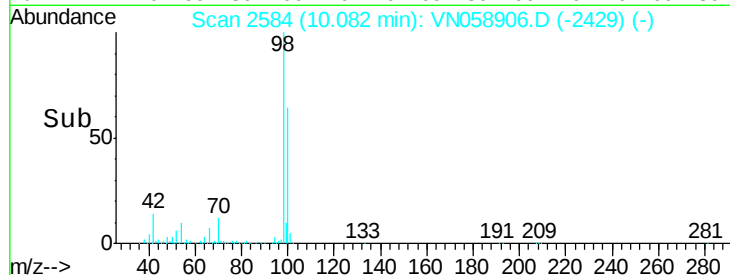
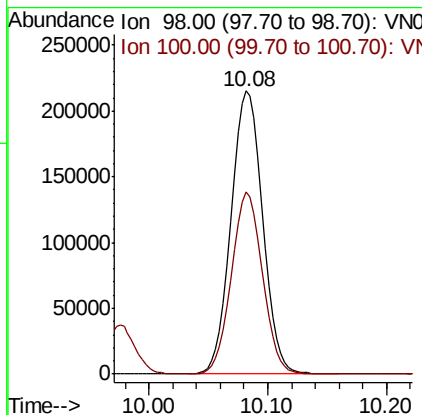
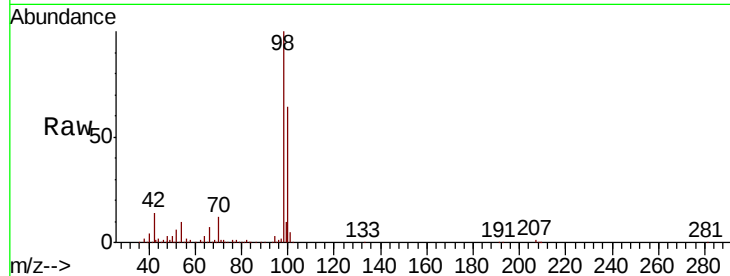
#63
Toluene-d8
Concen: 31.282 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 396536
Ion Ratio Lower Upper
98 100
100 62.9 50.6 75.8

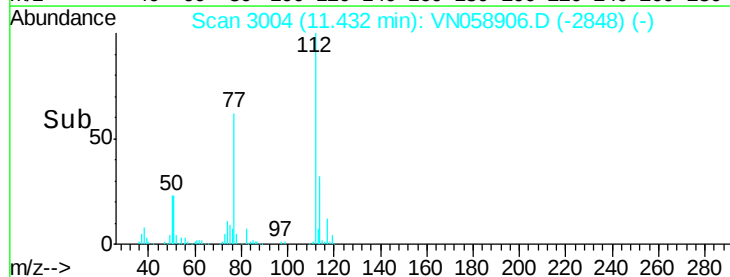
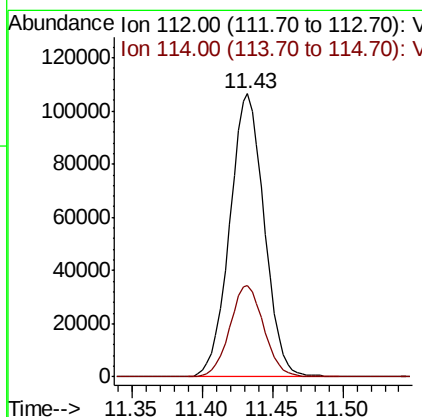
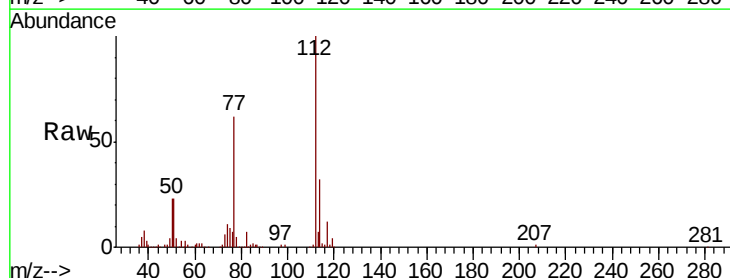
Manual Integrations
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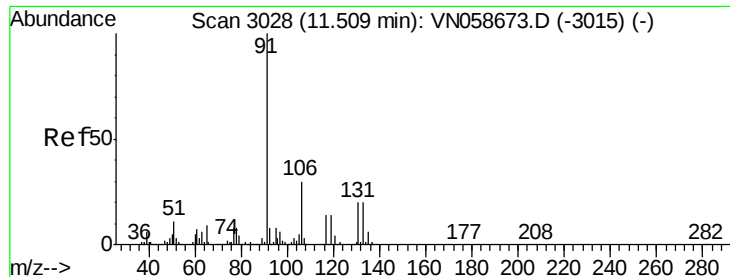
MMDadoda
10/23/2019 3:09:40 PM



#64
Chlorobenzene
Concen: 20.659 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion: 112 Resp: 182406
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 21.041 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

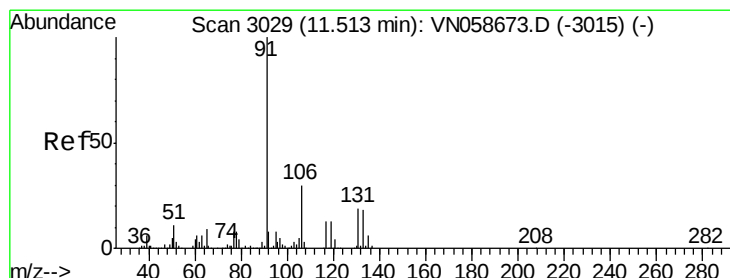
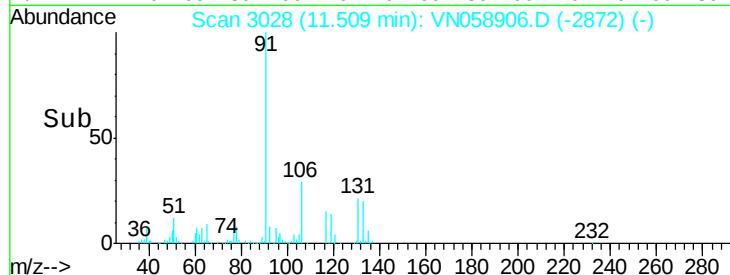
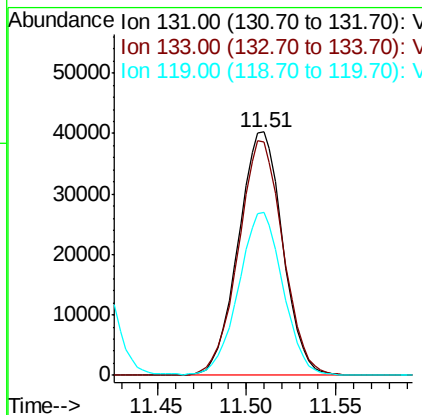
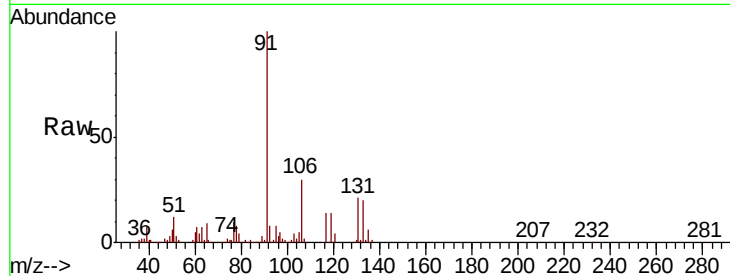
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.2	0.0	194.0
119	67.0	0.0	136.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.209 ug/l

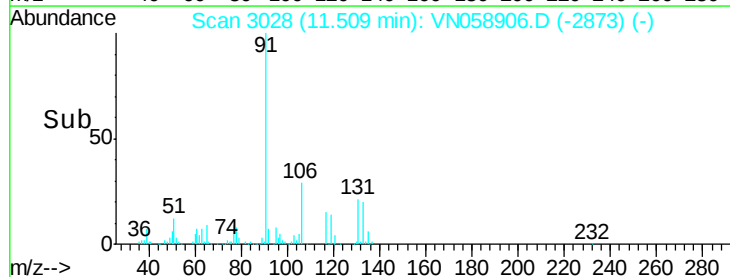
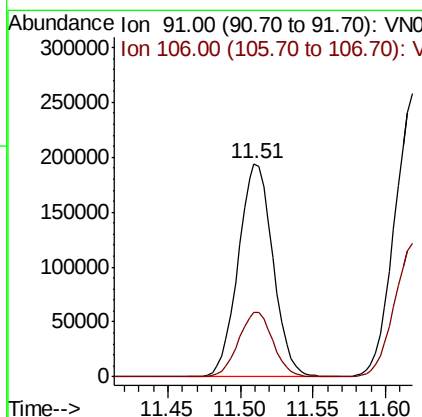
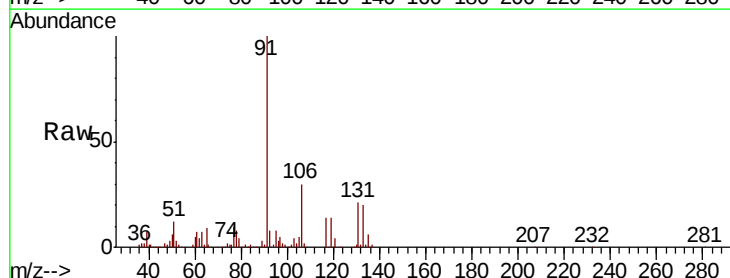
RT: 11.51 min Scan# 3028

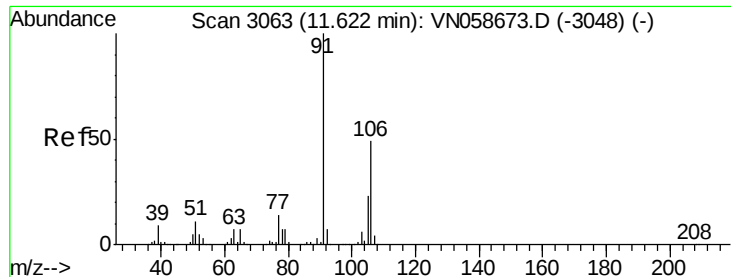
Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.4





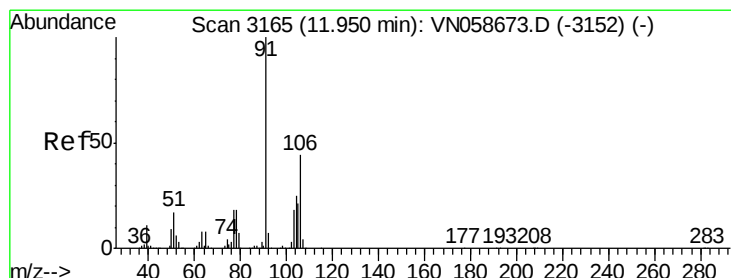
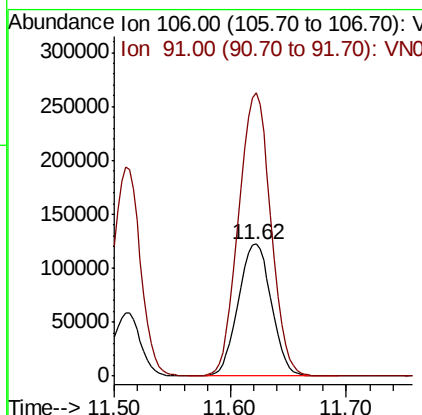
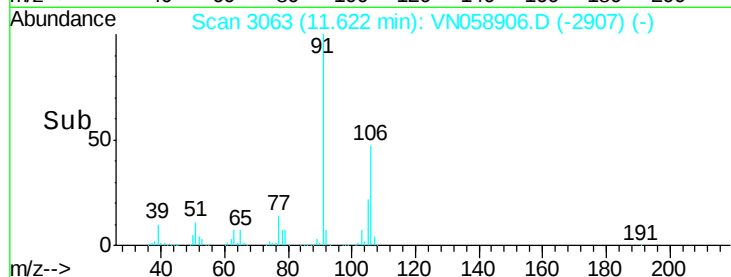
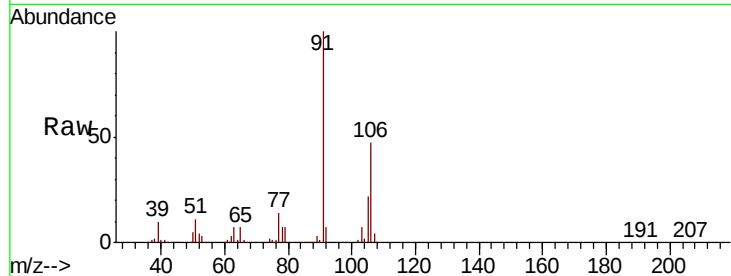
#67
m/p-Xylenes
Concen: 40.685 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		243060		
91	209.4	165.6	248.4		

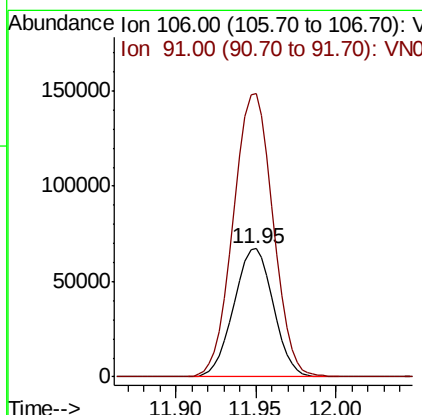
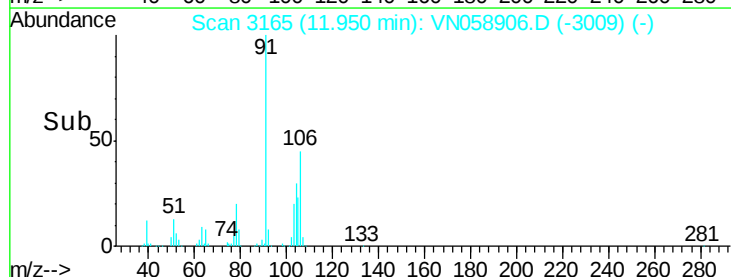
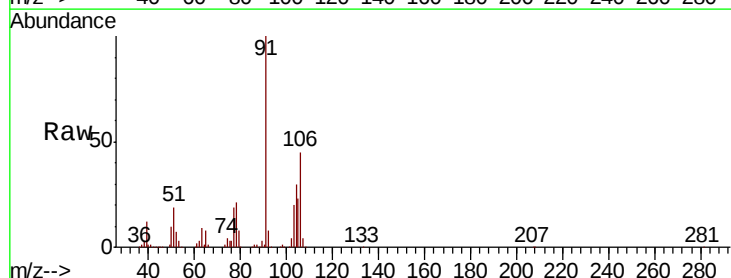
Manual Integrations
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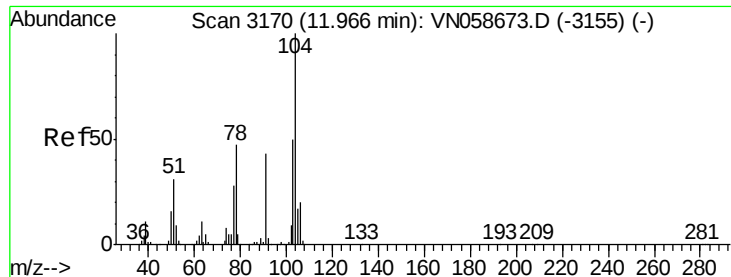
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#68
o-Xylene
Concen: 19.593 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		113478		
91	221.7	109.8	329.4		





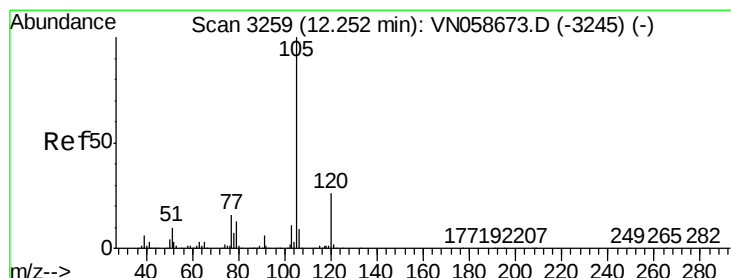
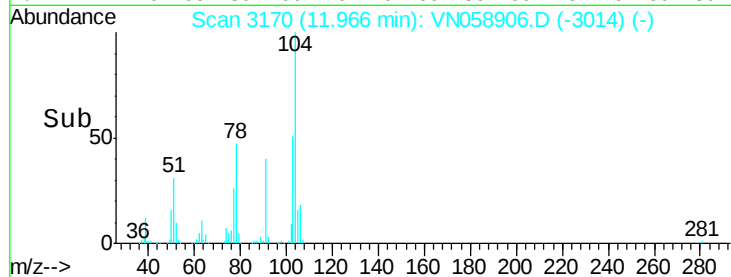
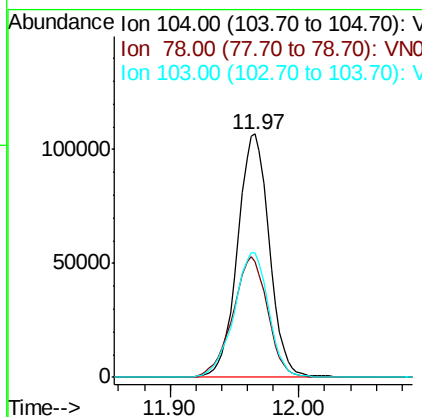
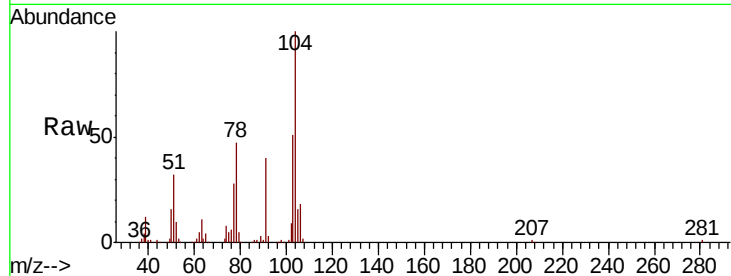
#69
Stvrene
Concen: 19.160 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.2	42.4	63.6
103	55.9	44.6	66.8

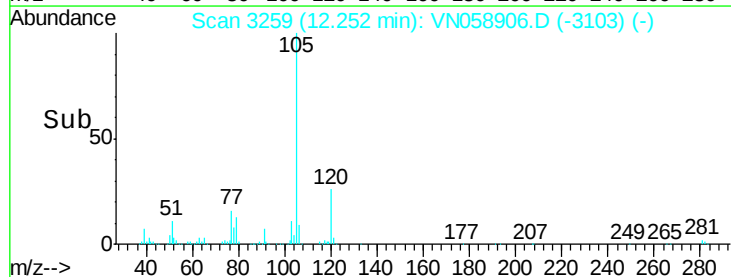
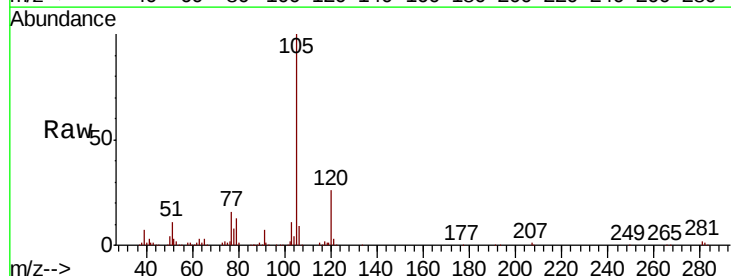
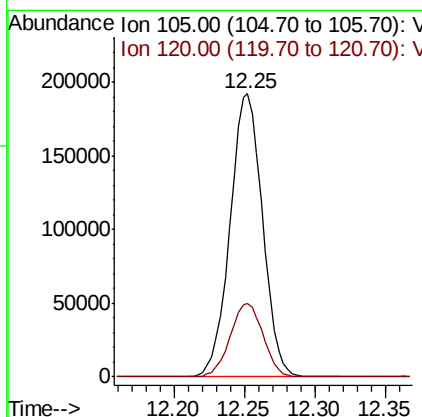
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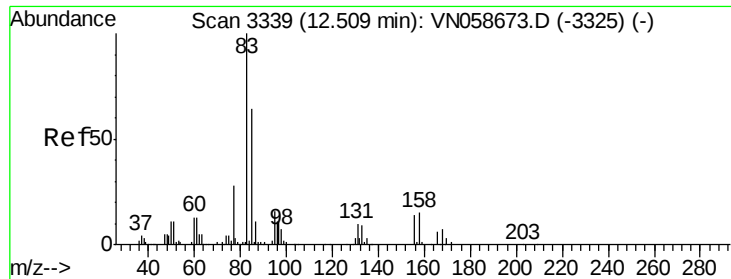
MMDadoda
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#70
Isopropylbenzene
Concen: 19.793 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.4	34.2





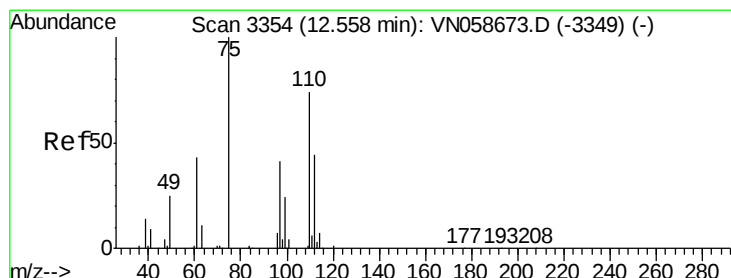
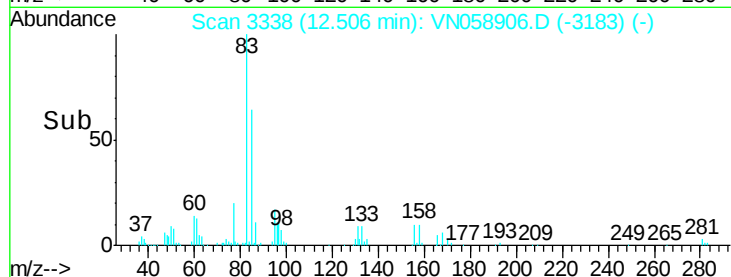
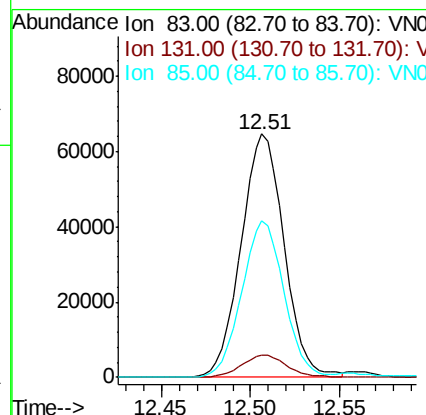
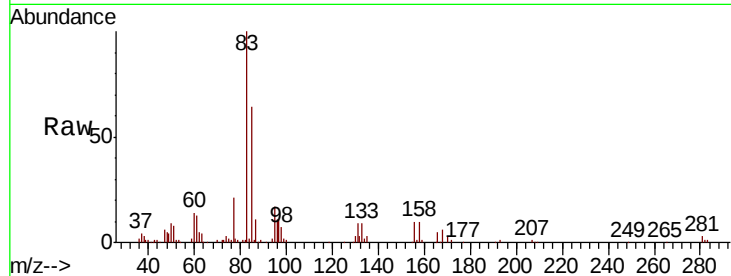
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.638 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	62.8	31.6	94.7

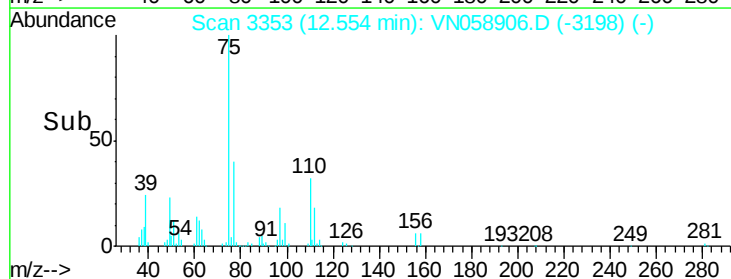
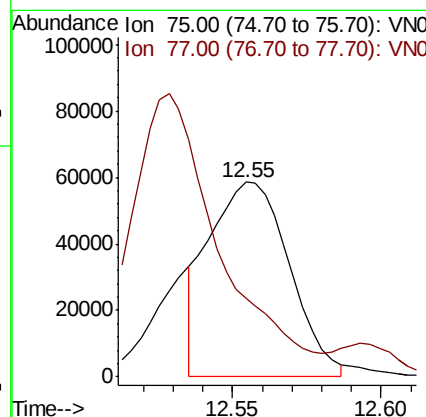
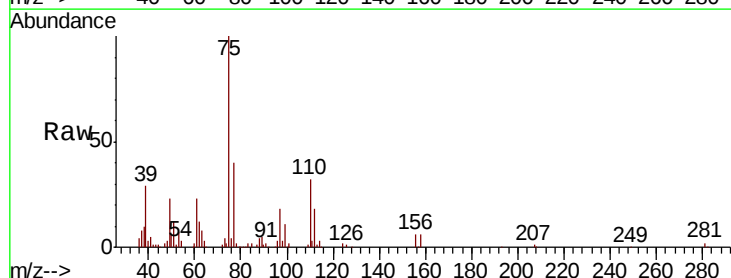
Manual Integrations
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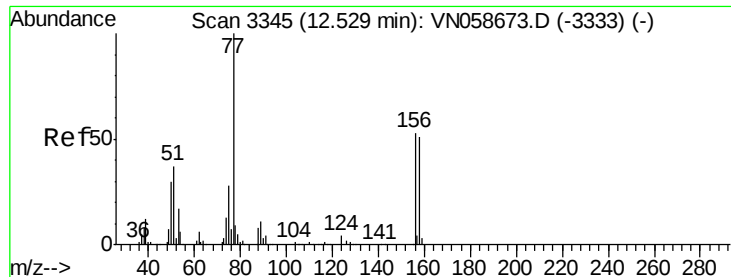
MMDadoda
 10/23/2019 3:09:40 PM



#72
 1,2,3-Trichloropropane
 Concen: 23.132 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	161.1	0.0	359.4





#73

Bromobenzene

Concen: 20.235 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

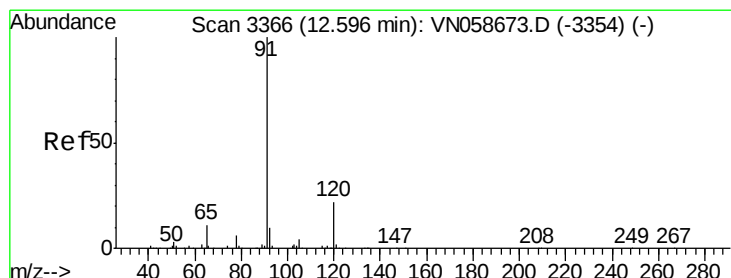
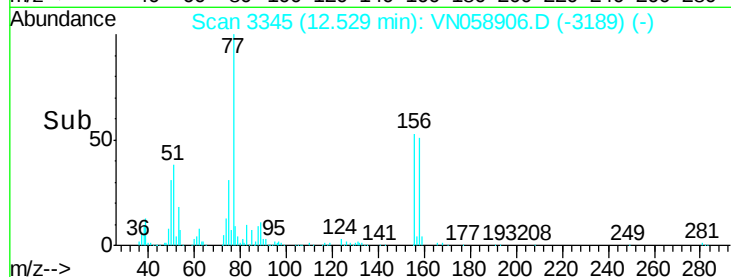
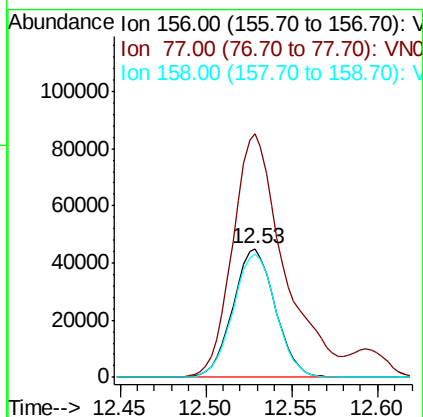
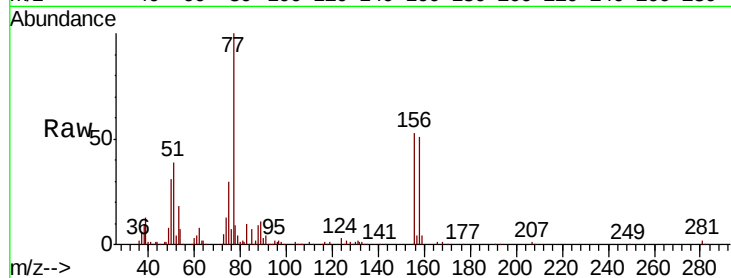
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	76855
Ion Ratio	Lower	Upper	
156	100		
77	231.2	0.0	456.0
158	96.8	0.0	195.4

Manual Integrations
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10/23/2019 3:09:40 PM



#74

n-propylbenzene

Concen: 20.627 ug/l

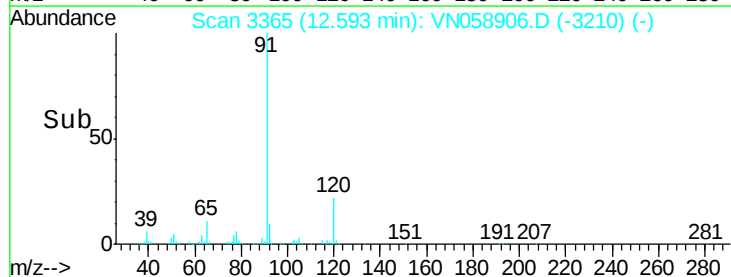
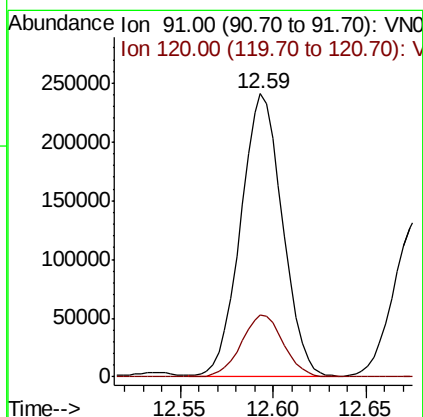
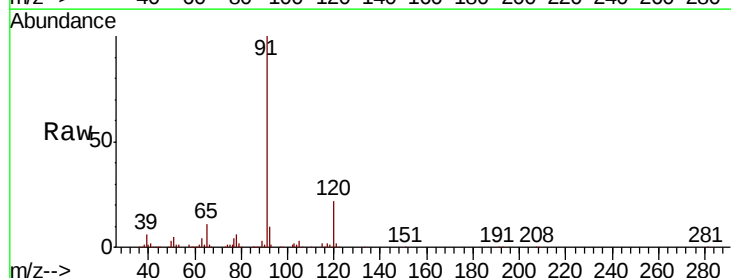
RT: 12.59 min Scan# 3365

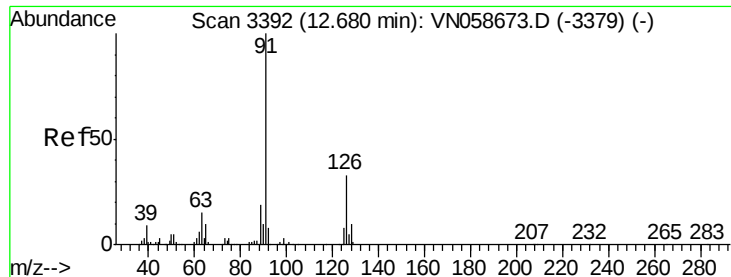
Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion:	91	Resp:	377534
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	43.6





#75

2-Chlorotoluene

Concen: 20.624 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 227117

Ion Ratio Lower Upper

91 100

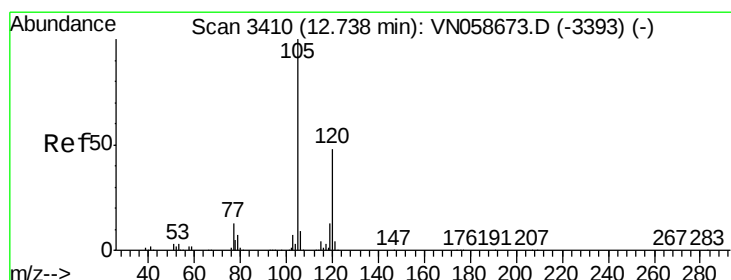
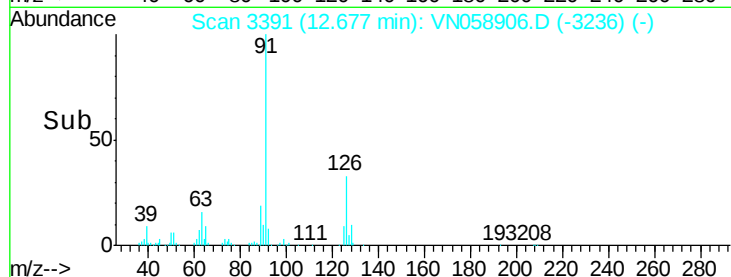
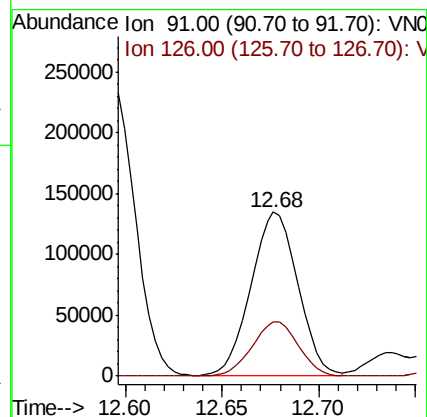
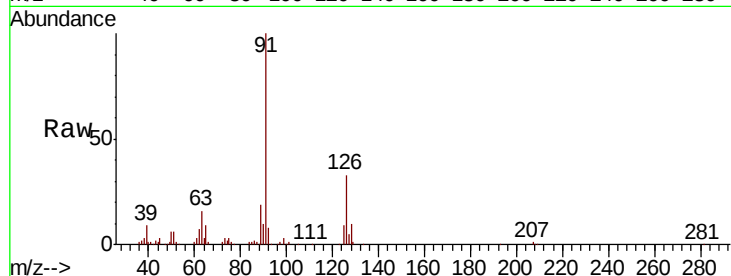
126 33.0 0.0 65.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.204 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058906.D

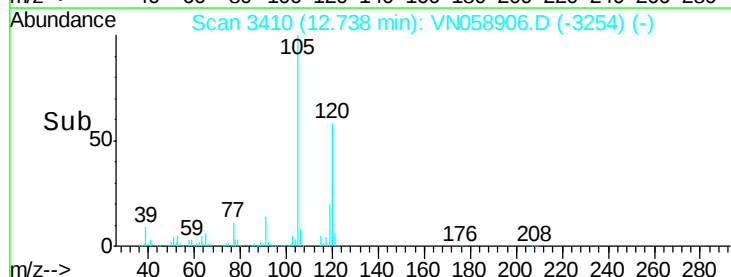
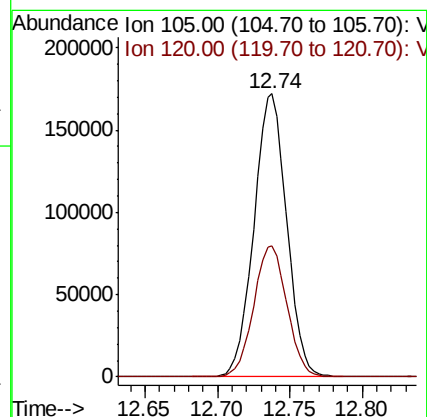
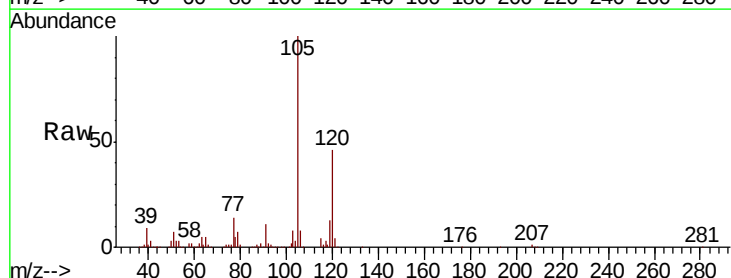
Acq: 22 Oct 2019 14:11

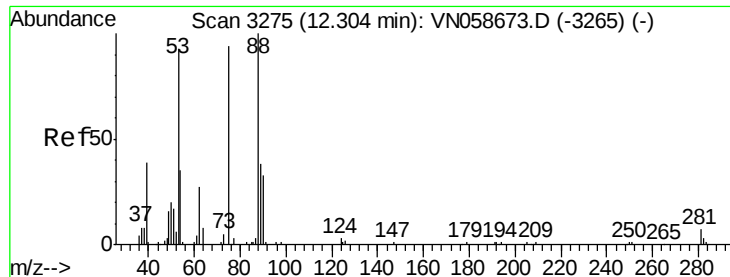
Tgt Ion: 105 Resp: 270579

Ion Ratio Lower Upper

105 100

120 46.9 0.0 94.0





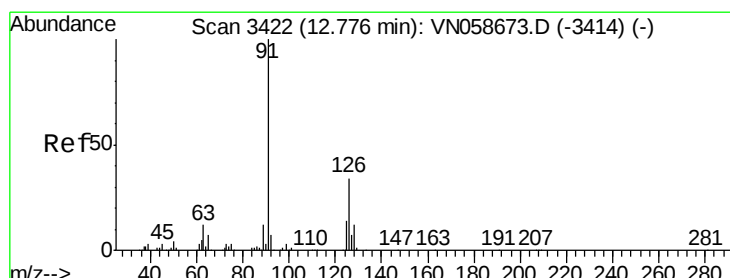
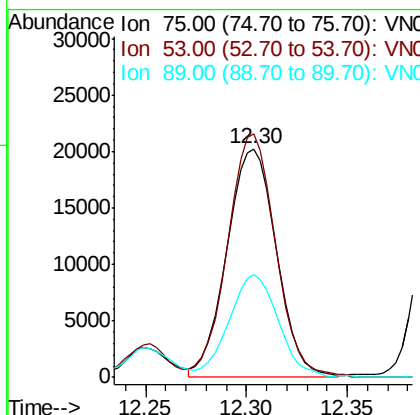
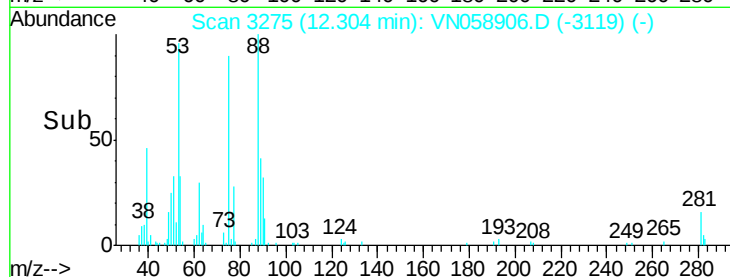
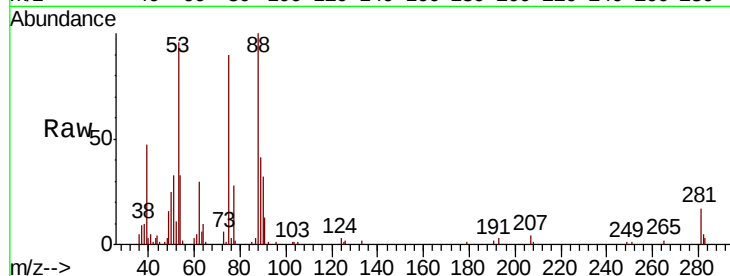
#77
t-1,4-Dichloro-2-butene
Concen: 19.210 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.9	50.0	150.0
89	44.7	20.7	62.1

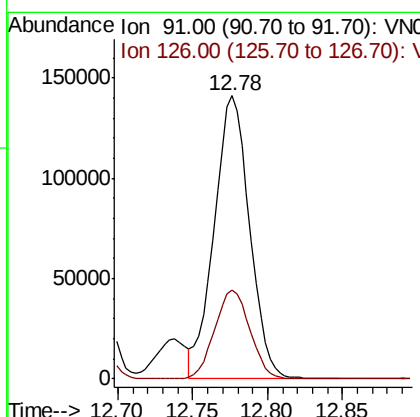
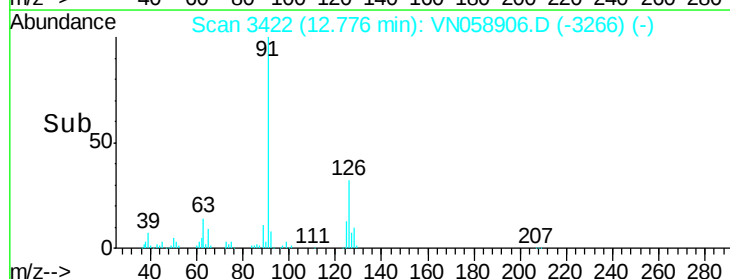
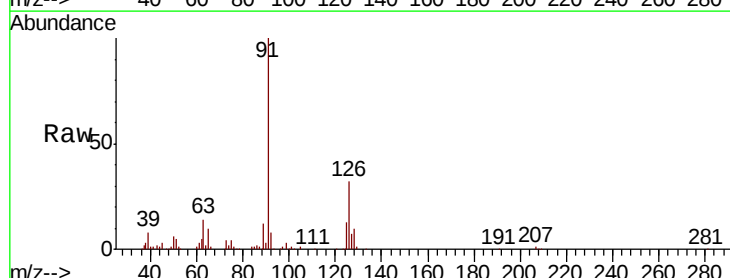
Manual Integrations
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#78
4-Chlorotoluene
Concen: 20.394 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	63.4





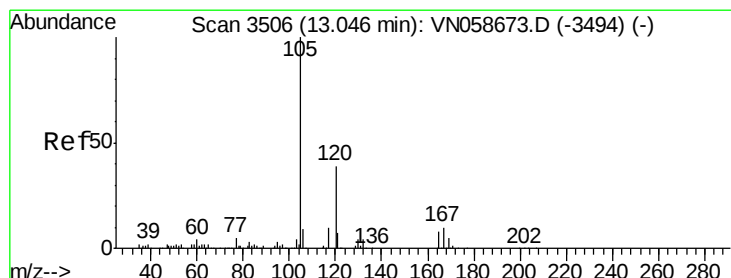
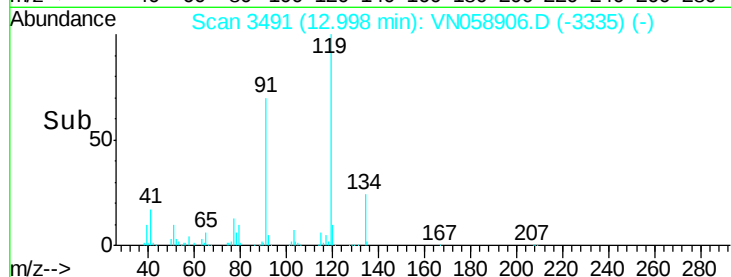
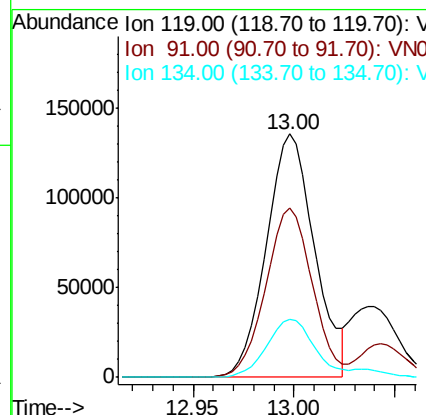
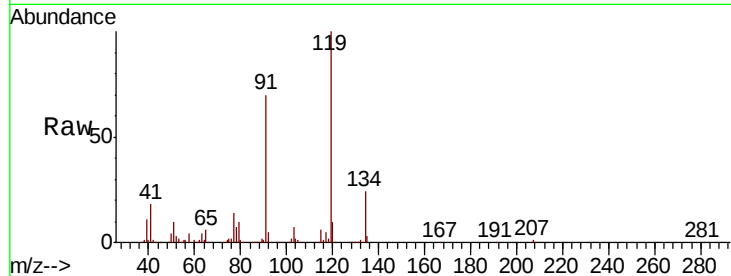
#79
tert-butylbenzene
Concen: 19.731 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225757		
91	66.9	0.0	136.4	
134	23.5	0.0	47.2	

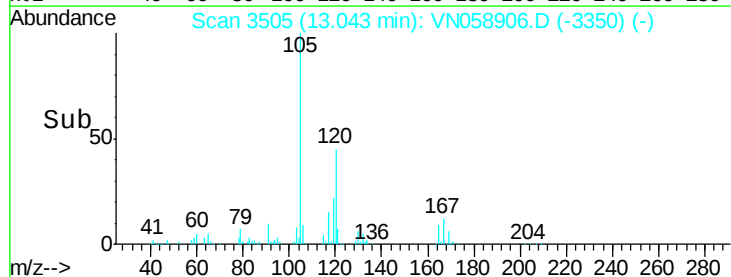
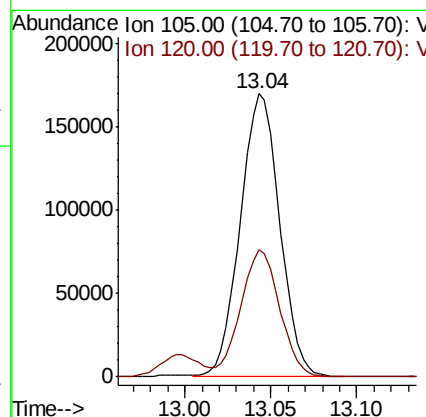
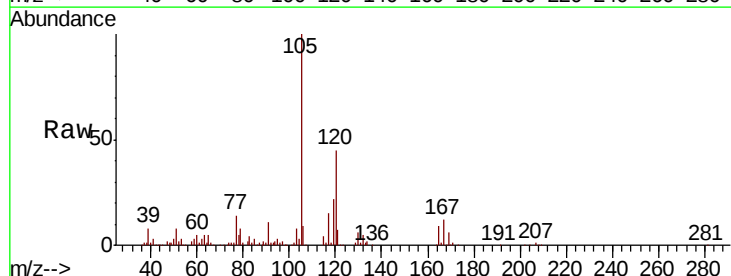
Manual Integrations
APPROVED

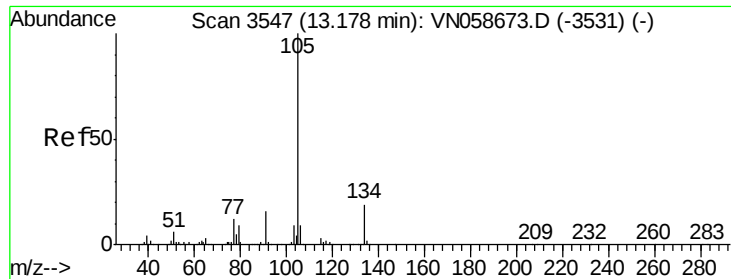
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 20.269 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269744		
120	44.6	0.0	89.2	





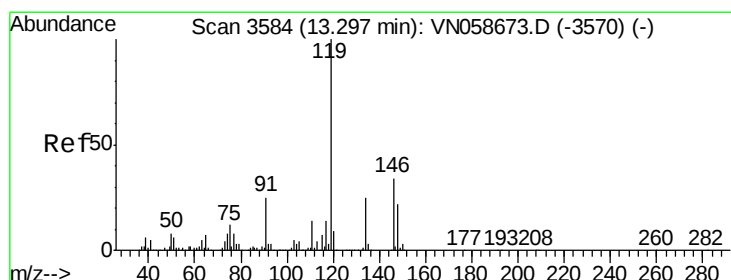
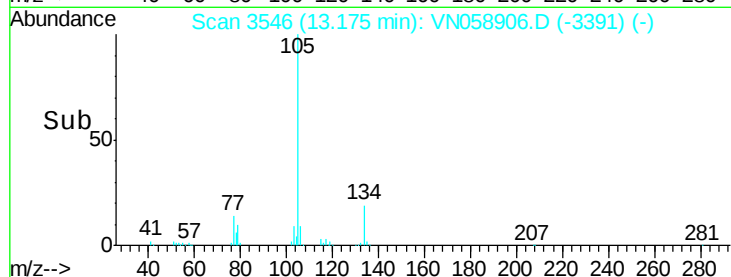
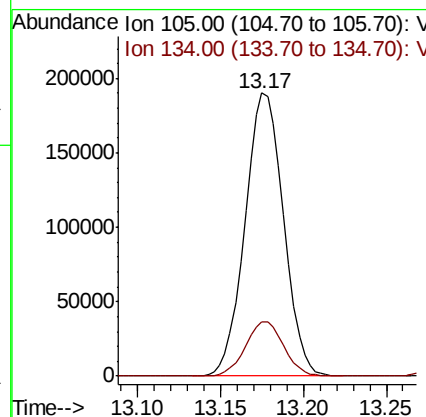
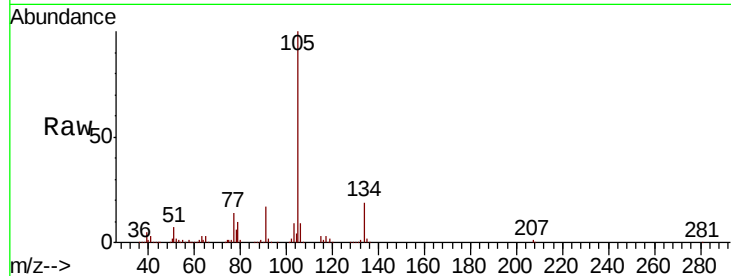
#81
 sec-Butylbenzene
 Concen: 19.907 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	306546		
134	19.1	0.0	38.0	

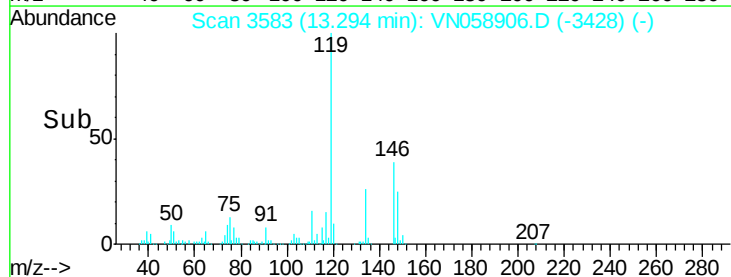
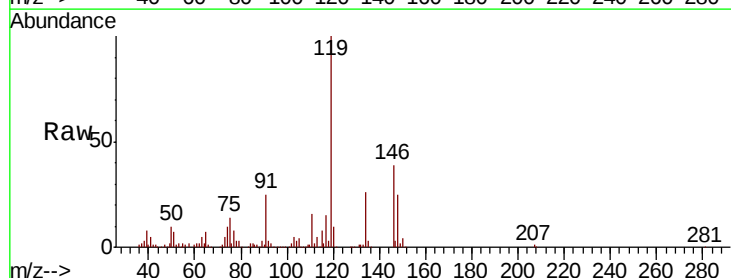
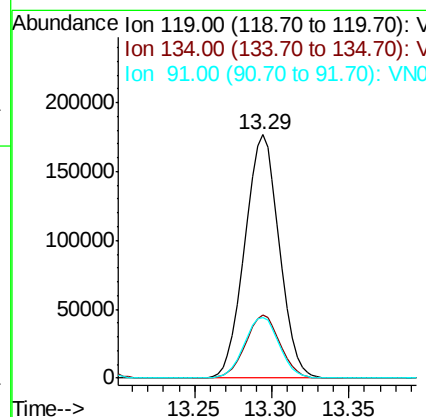
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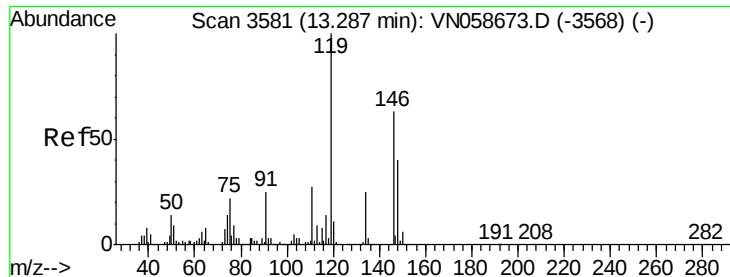
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#82
 p-Isopropyltoluene
 Concen: 19.736 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	272898		
134	26.0	0.0	50.8	
91	25.6	0.0	49.4	





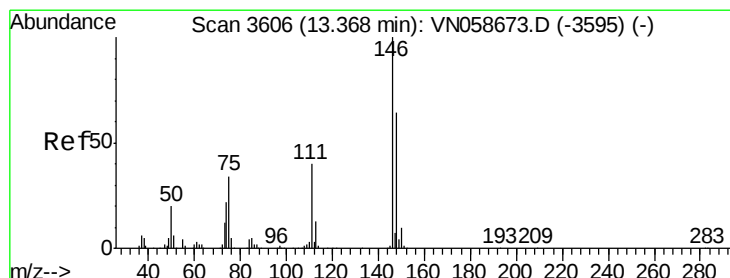
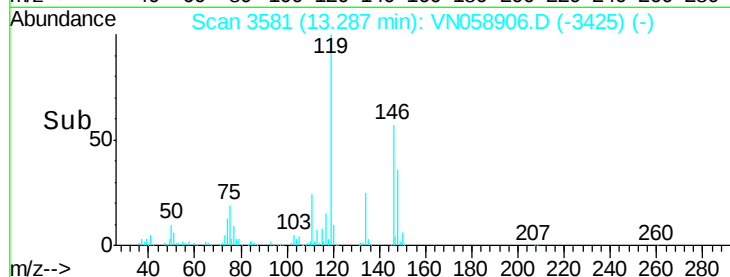
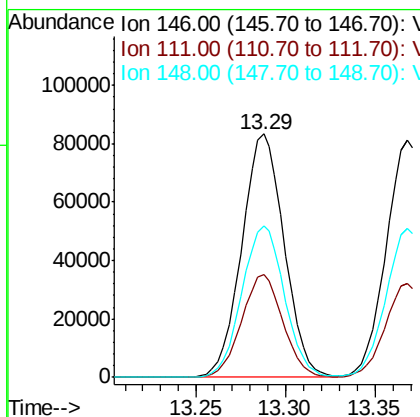
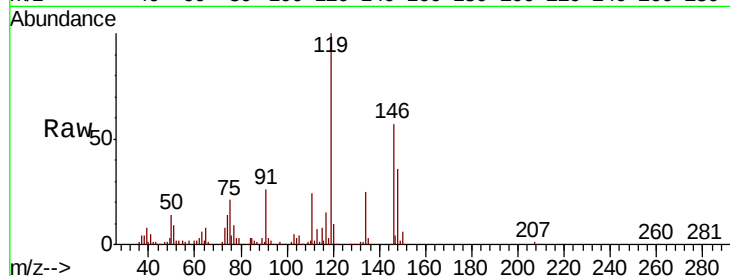
#83
1,3-Dichlorobenzene
Concen: 20.147 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.0	63.0
148	62.6	31.7	95.1

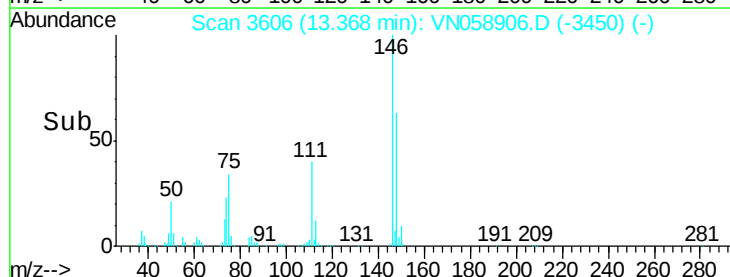
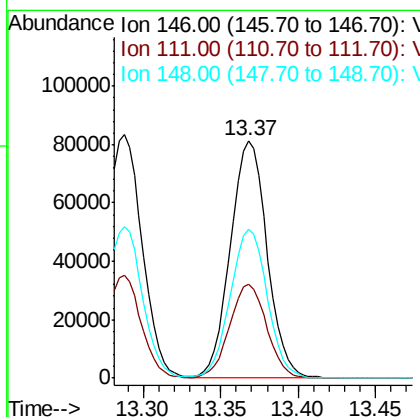
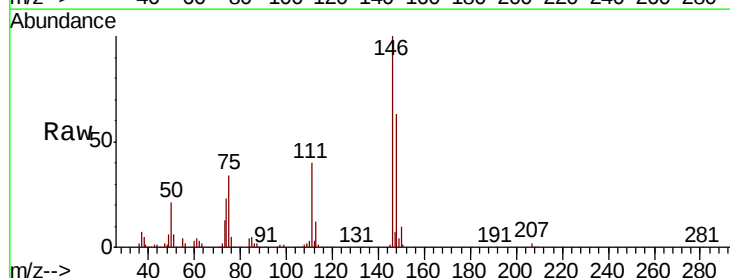
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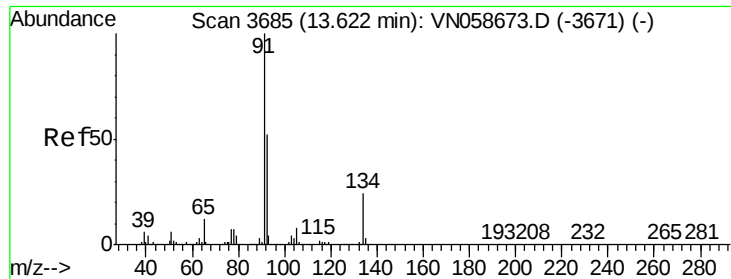
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#84
1,4-Dichlorobenzene
Concen: 19.522 ug/l
RT: 13.37 min Scan# 3606
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.3	31.6	94.8





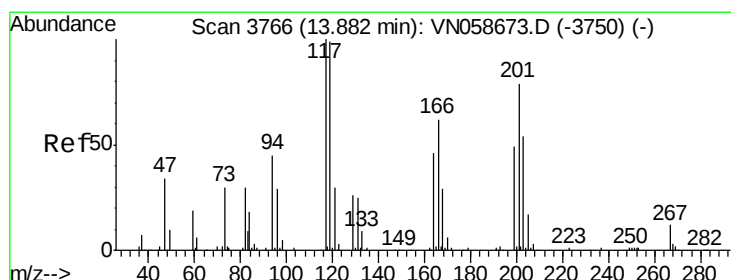
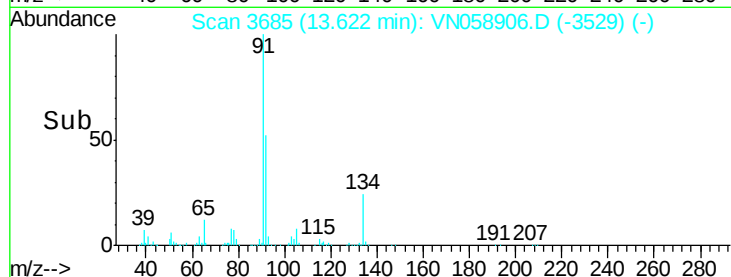
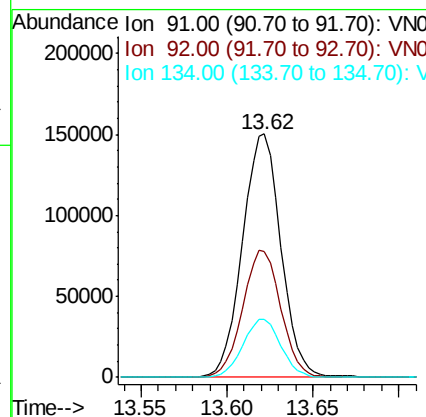
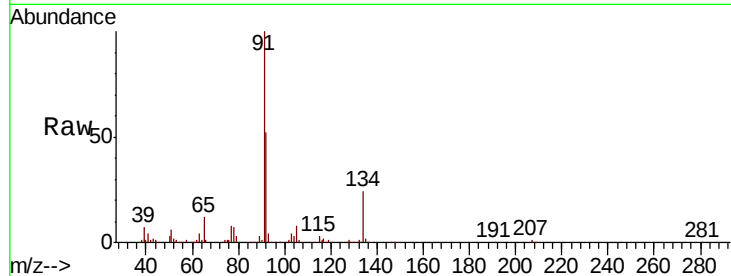
#85
n-Butylbenzene
Concen: 18.465 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	0.0	102.8
134	23.6	0.0	48.6

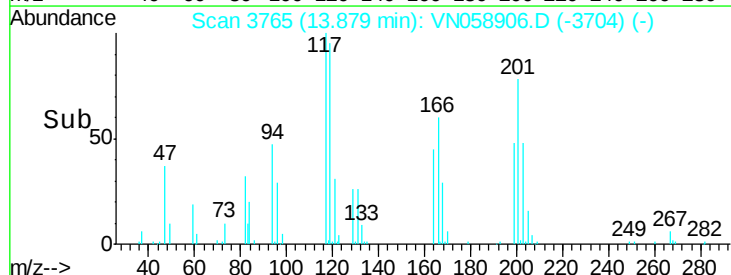
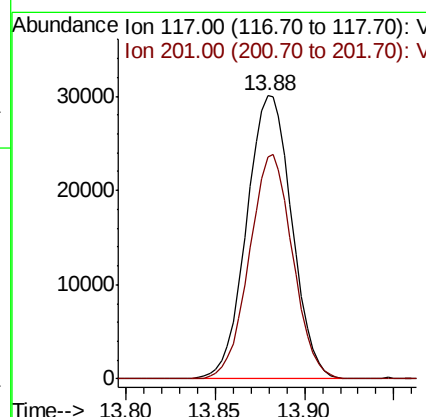
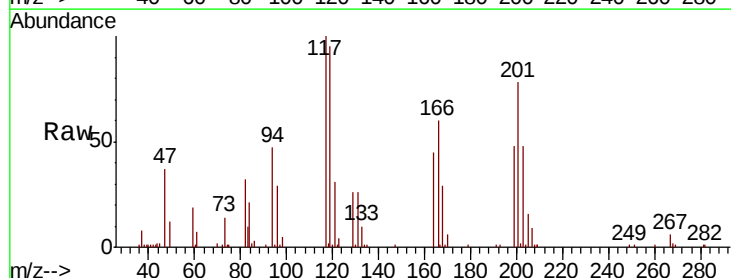
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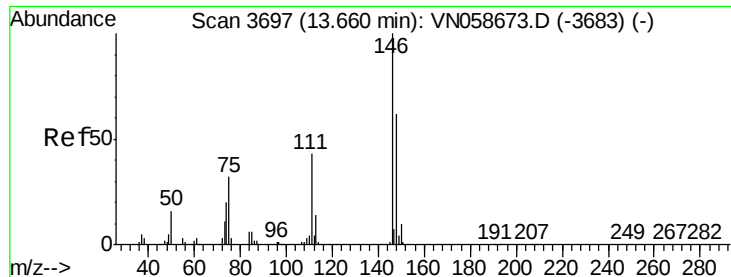
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#86
Hexachloroethane
Concen: 21.181 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	38.7	116.1





#87

1,2-Dichlorobenzene

Concen: 20.348 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Instrument :

MSVOA_N

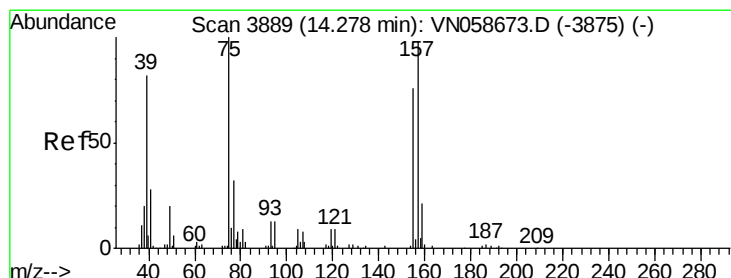
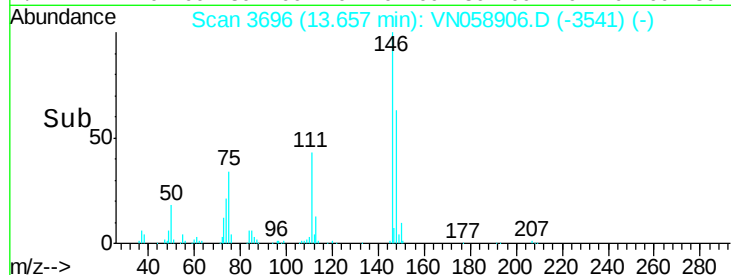
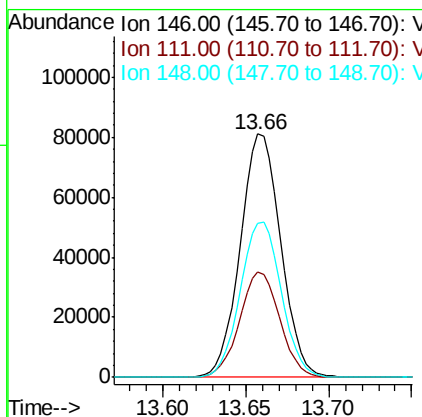
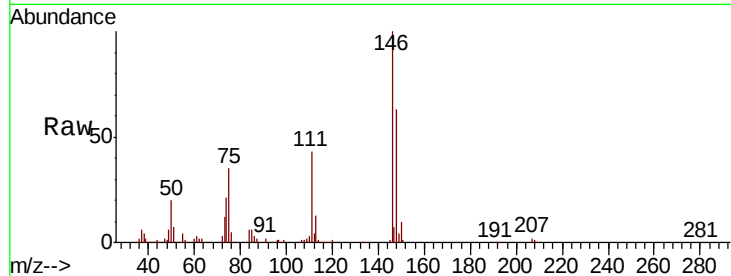
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	138057
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.8	65.4
148	64.6	32.1	96.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.291 ug/l

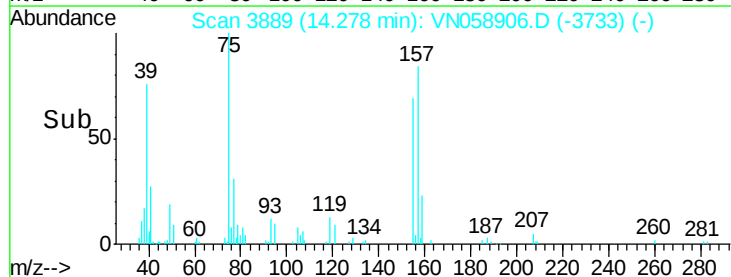
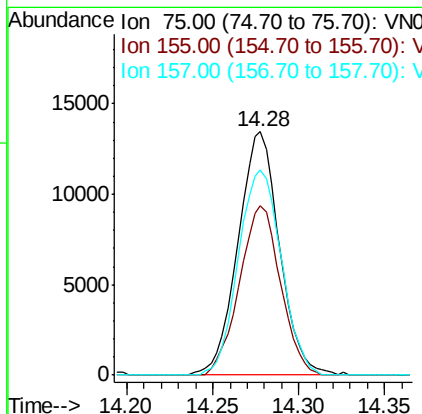
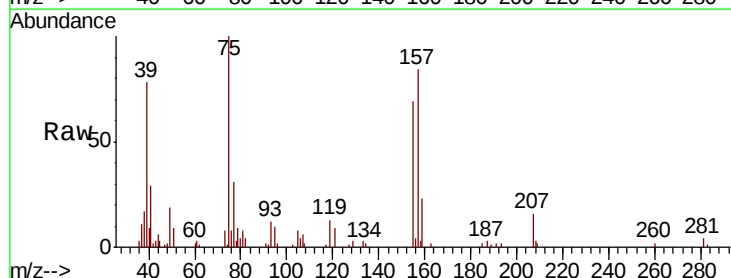
RT: 14.28 min Scan# 3889

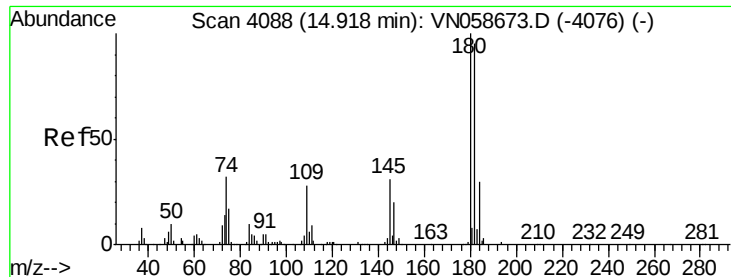
Delta R.T. 0.00 min

Lab File: VN058906.D

Acq: 22 Oct 2019 14:11

Tgt Ion:	75	Resp:	22603
Ion Ratio	Lower	Upper	
75	100		
155	68.6	58.3	87.5
157	87.0	75.0	112.6





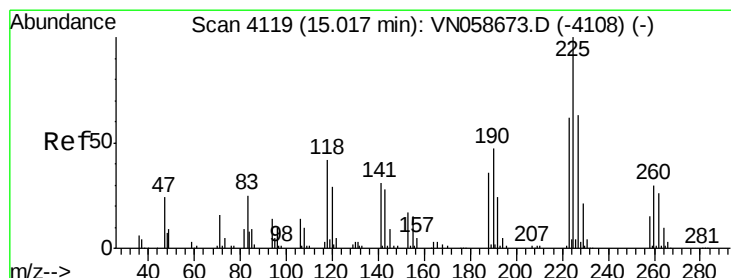
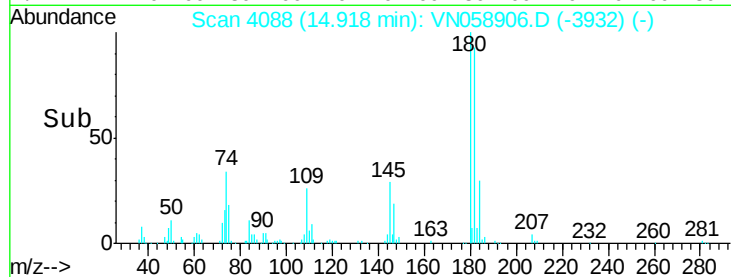
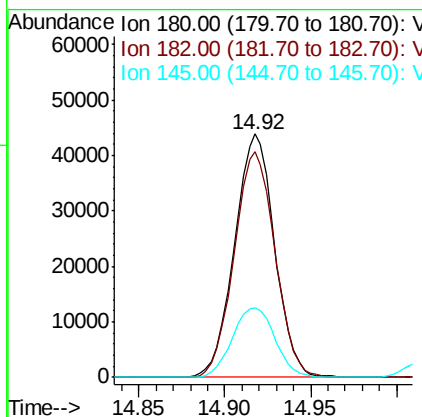
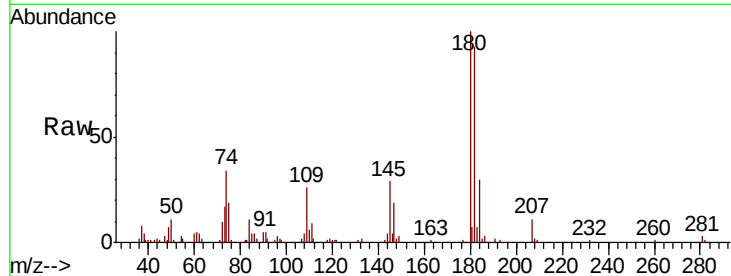
#89
 1,2,4-Trichlorobenzene
 Concen: 16.608 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.3	112.9
145	30.4	24.8	37.2

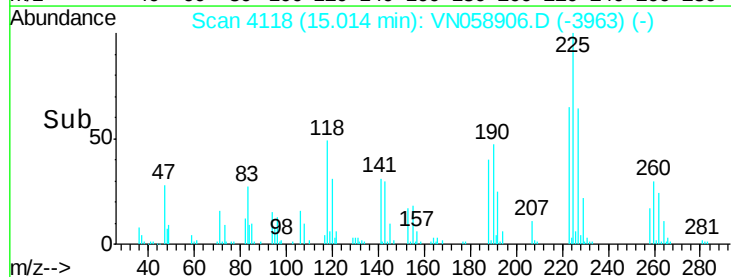
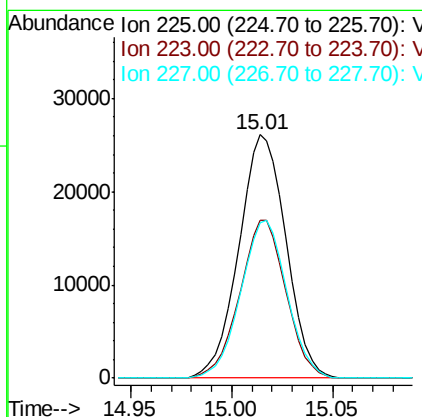
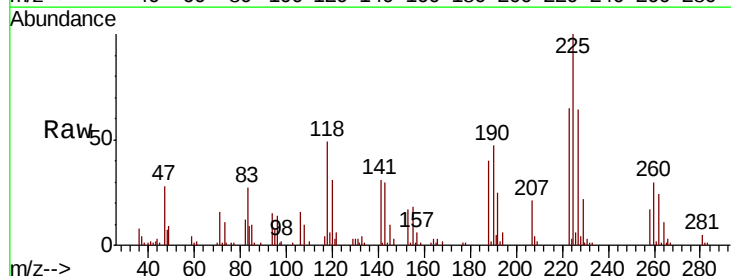
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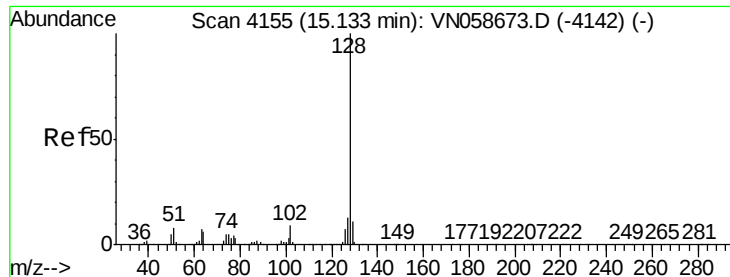
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#90
 Hexachlorobutadiene
 Concen: 19.289 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058906.D
 Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	0.0	126.2
227	63.3	0.0	127.0





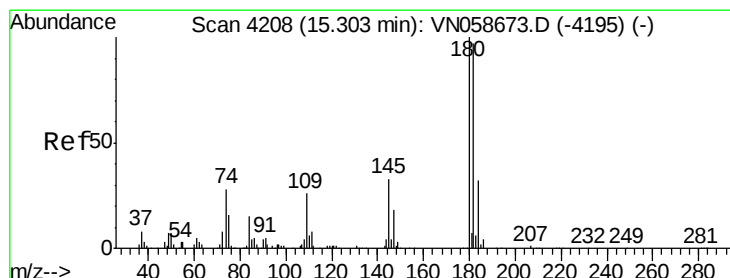
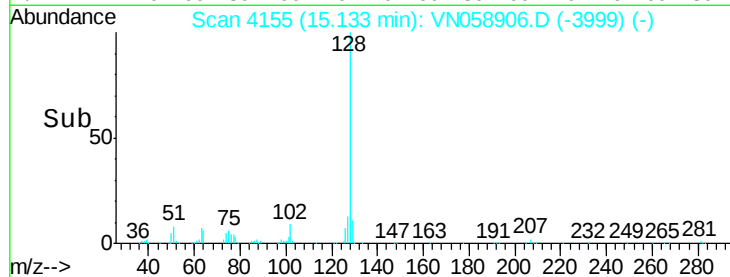
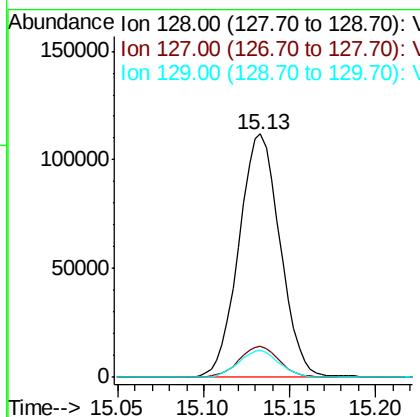
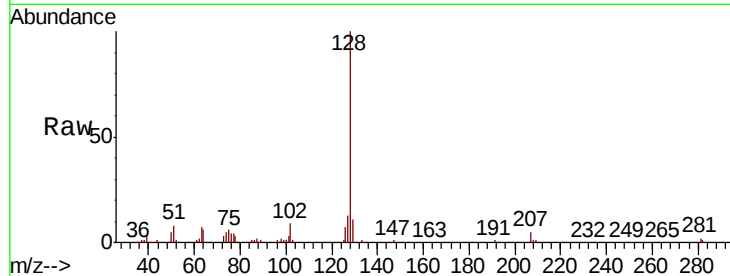
#91
Naphthalene
Concen: 14.715 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	186125		
127	12.6	10.2	15.2	
129	11.0	8.6	13.0	

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.149 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN058906.D
Acq: 22 Oct 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71514		
182	93.3	0.0	193.4	
145	32.5	0.0	65.8	

