

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056891.D
 Acq On : 23 Jul 2019 21:29
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 2:20:16 PM

Quant Time: Jul 24 03:55:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59787	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	321231	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	278119	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	114974	29.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.93%
60) 4-Bromofluorobenzene	12.40	95	122747	29.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.17%
63) Toluene-d8	10.09	98	397411	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	73693	20.616	ug/l 99
3) Chloromethane	2.06	50	90251	20.690	ug/l 99
4) Vinyl Chloride	2.19	62	84341	20.055	ug/l 99
5) Bromomethane	2.56	94	57395	22.228	ug/l 99
6) Chloroethane	2.70	64	46262	19.832	ug/l 99
7) Trichlorofluoromethane	3.02	101	102113	19.938	ug/l 99
8) Diethyl Ether	3.41	74	37875	19.847	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	64017	19.904	ug/l 98
10) 1,1-Dichloroethene	3.73	96	64488	20.204	ug/l 99
11) Methyl Iodide	3.95	142	82120	17.391	ug/l 99
12) Methyl Acetate	4.33	43	70118	17.950	ug/l 94
13) Acrolein	3.60	56	38460	86.996	ug/l 100
14) Acrylonitrile	4.99	53	146316	97.125	ug/l 98
15) Acetone	3.82	58	38408	98.615	ug/l 92
16) Carbon Disulfide	4.05	76	172280	20.017	ug/l 99
17) Allyl chloride	4.32	41	102072	19.111	ug/l 96
18) Methylene Chloride	4.55	84	73431	19.766	ug/l 96
19) trans-1,2-Dichloroethene	5.04	96	66524	19.694	ug/l 97
20) Diisopropyl ether	5.96	45	213842	19.719	ug/l 96
21) 1,1-Dichloroethane	5.85	63	124523	19.759	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	77067	19.685	ug/l 98
23) tert-Butyl Alcohol	4.81	59	50881	101.208	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	190265	19.717	ug/l 99
25) Chloroform	7.37	83	120493	19.599	ug/l 99
26) Cyclohexane	7.65	56	116620	20.144	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	92272	20.241	ug/l 97
30) 2-Butanone	6.84	43	180212	98.398	ug/l 99
31) 2,2-Dichloropropane	6.82	77	79960	18.902	ug/l # 74
32) 1,1,1-Trichloroethane	7.57	97	100310	20.027	ug/l 99
33) Carbon Tetrachloride	7.77	117	85559	19.571	ug/l 98
34) Benzene	8.04	78	284996	19.842	ug/l 98
35) Methacrylonitrile	7.18	41	35138	19.211	ug/l 98
36) 1,2-Dichloroethane	8.12	62	89079	19.949	ug/l 99
37) Trichloroethene	8.83	130	76873	19.963	ug/l 98
38) Methylcyclohexane	9.08	83	115739	19.959	ug/l 99
39) 1,2-Dichloropropane	9.12	63	77110	20.112	ug/l 100
40) Dibromomethane	9.21	93	46041	19.575	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	86785	19.202	ug/l	100
42) Vinyl Acetate	5.90	43	812472	99.615	ug/l	99
43) Ethyl Acetate	6.93	43	73308	19.525	ug/l #	87
44) Isopropyl Acetate	8.17	43	122002	19.494	ug/l	98
45) 1,4-Dioxane	9.20	88	25188	422.762	ug/l	94
46) Methyl methacrylate	9.20	41	61545	19.712	ug/l	95
47) n-amyl Acetate	12.07	43	95827	19.128	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	89092	18.943	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	104805	19.123	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	66717	19.757	ug/l	95
51) Ethyl methacrylate	10.43	69	95978	19.650	ug/l	99
52) 1,3-Dichloropropane	10.71	76	112504	19.741	ug/l	99
53) Dibromochloromethane	10.90	129	67100	19.116	ug/l	98
54) 1,2-Dibromoethane	11.00	107	68581	19.907	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	208430	98.530	ug/l	100
56) Bromoform	12.12	173	44499	18.323	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	377722	101.205	ug/l	99
59) 2-Hexanone	10.75	43	252969	99.468	ug/l	100
61) Tetrachloroethene	10.63	164	75134	19.276	ug/l	97
62) Toluene	10.15	91	302239	19.981	ug/l	99
64) Chlorobenzene	11.43	112	181048	19.871	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	67222	19.479	ug/l	98
66) Ethyl Benzene	11.51	91	313256	19.653	ug/l	97
67) m/p-Xylenes	11.62	106	236751	39.832	ug/l	100
68) o-Xylene	11.94	106	114662	19.621	ug/l	100
69) Styrene	11.96	104	185099	19.546	ug/l	100
70) Isopropylbenzene	12.25	105	307237	19.967	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	86898	20.163	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	69126m	18.230	ug/l	
73) Bromobenzene	12.52	156	78085	19.666	ug/l	100
74) n-propylbenzene	12.59	91	325708	19.359	ug/l	100
75) 2-Chlorotoluene	12.67	91	202843	19.886	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	259173	20.008	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	20741	17.421	ug/l	96
78) 4-Chlorotoluene	12.77	91	187749	19.363	ug/l	100
79) tert-butylbenzene	12.99	119	225596	20.182	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	249535	19.760	ug/l	99
81) sec-Butylbenzene	13.17	105	284889	19.521	ug/l	100
82) p-Isopropyltoluene	13.28	119	255761	19.513	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	120268	19.238	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	113705	19.236	ug/l	98
85) n-Butylbenzene	13.61	91	192707	18.724	ug/l	98
86) Hexachloroethane	13.87	117	41717	19.018	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	123590	19.903	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12131	18.194	ug/l	94
89) 1,2,4-Trichlorobenzene	14.90	180	52520	20.299	ug/l	99
90) Hexachlorobutadiene	15.00	225	45907	20.113	ug/l	97
91) Naphthalene	15.13	128	134936	19.967	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	61487	18.730	ug/l	99

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ClientSampleId :
ICVVN072419

Manual Integrations
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QLast Update : Wed Jul 24 03:39:51 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

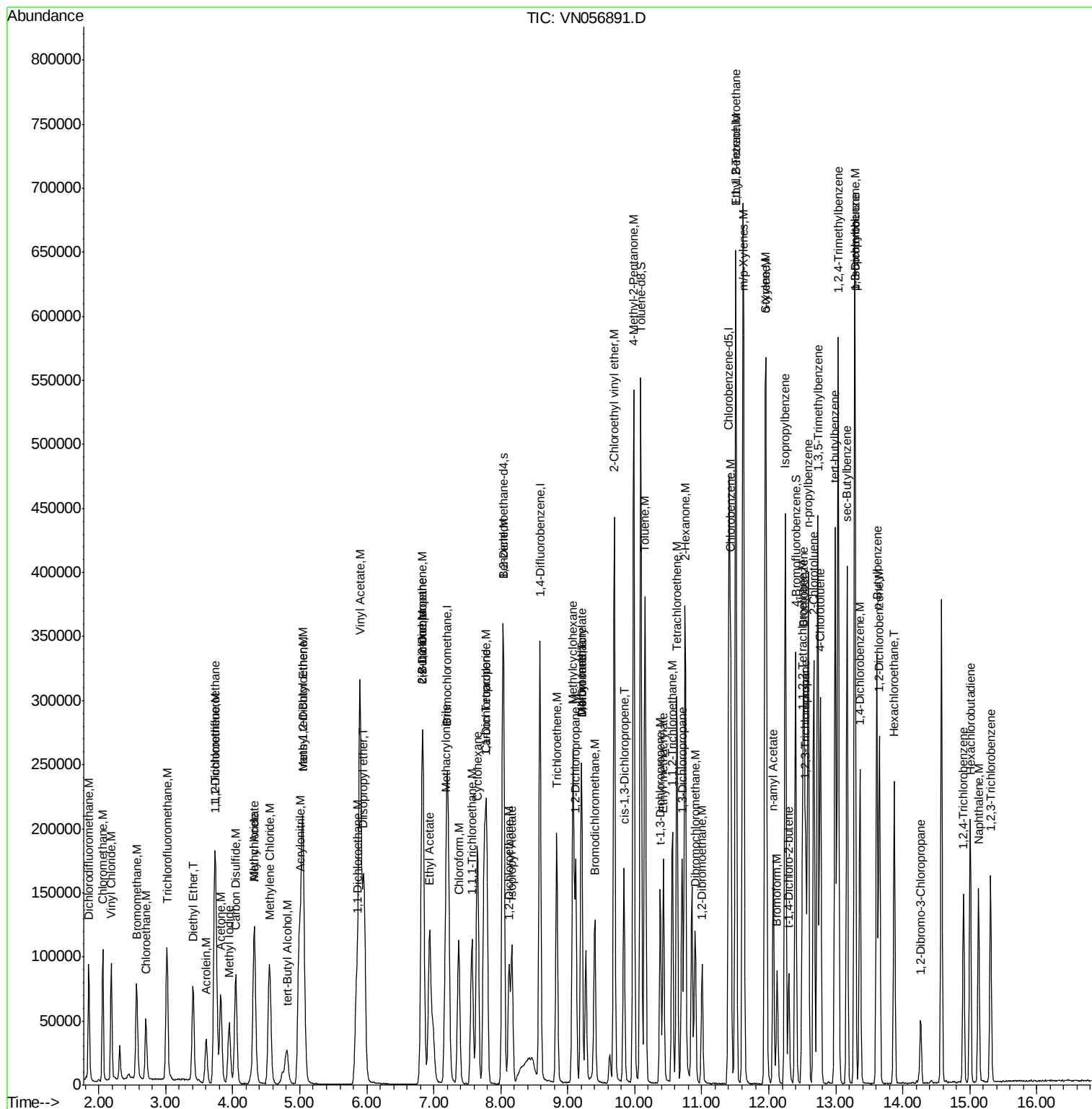
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
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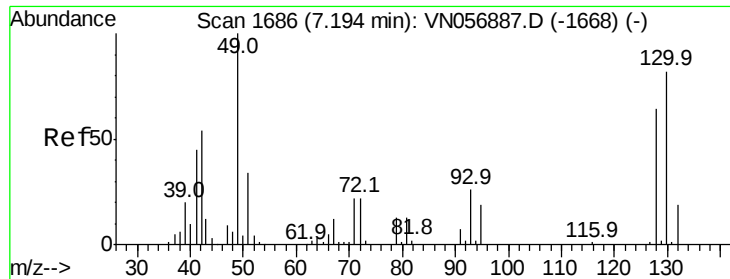
Instrument :
 MSVOA_N
 Client Sample ID :
 ICVVN072419

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

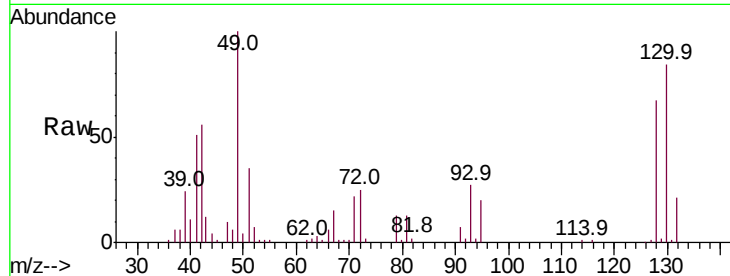
ClientSampleId :

ICVVN072419

Tot Ion	Ratio	Lower	Upper
128	100		
49	153.4	0.0	385.8
130	127.4	0.0	322.5

Manual Integrations
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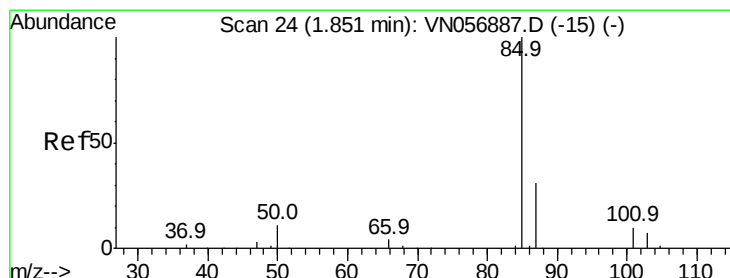
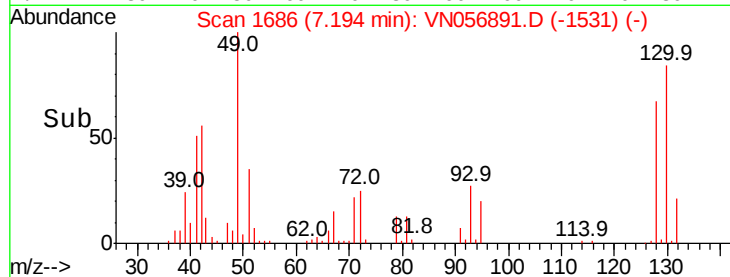
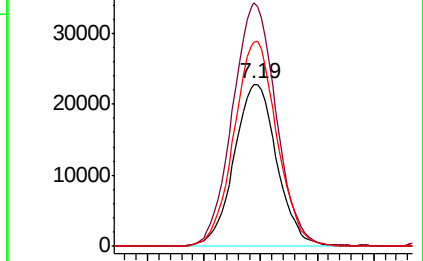
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.616 ug/l

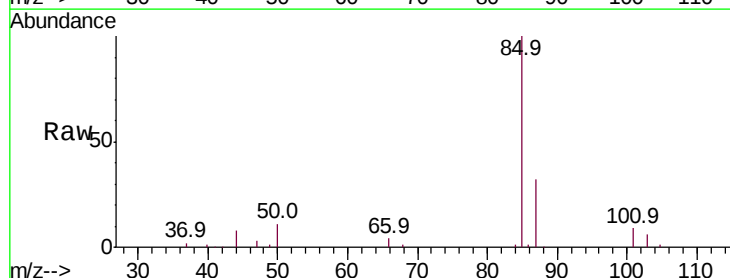
RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN056891.D

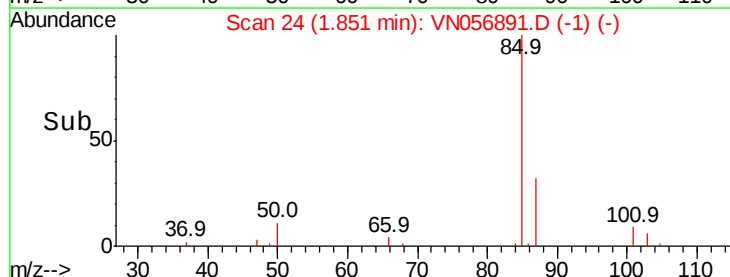
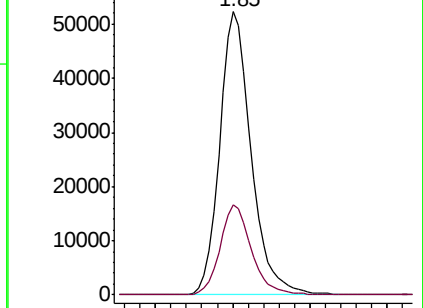
Acq: 23 Jul 2019 21:29

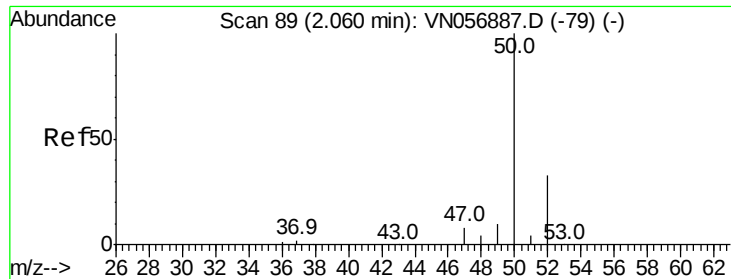
Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.6	46.8



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





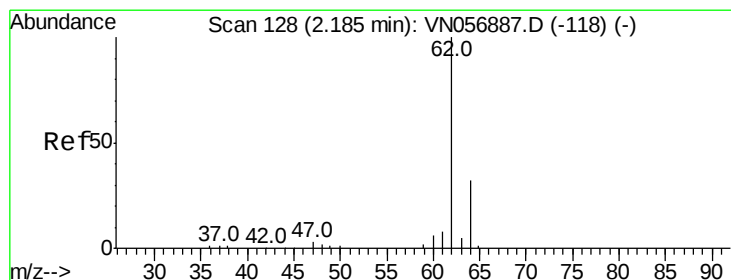
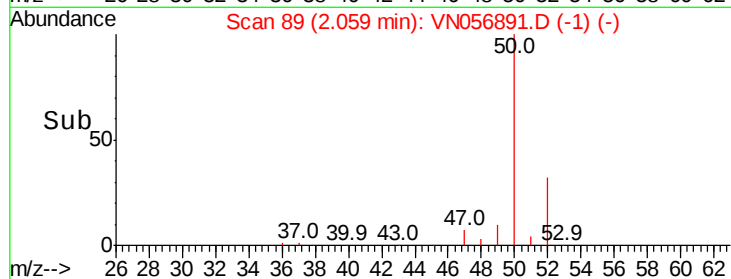
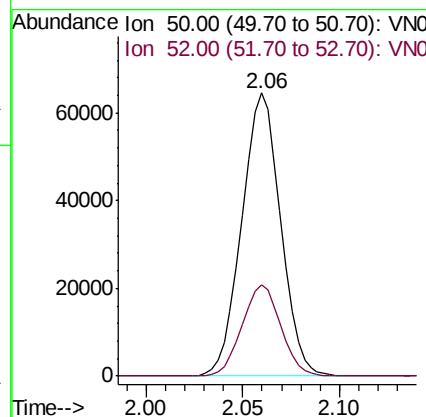
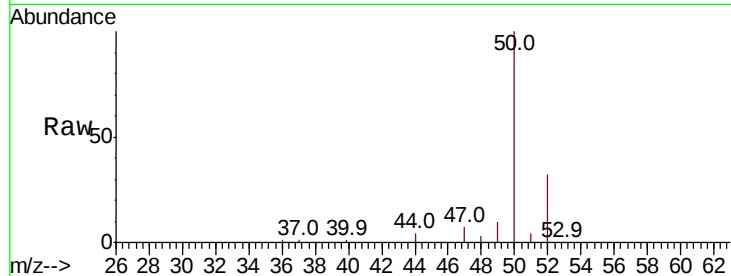
#3
Chloromethane
Concen: 20.690 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.2	39.2

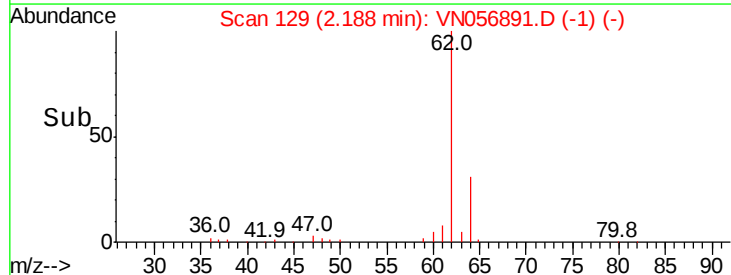
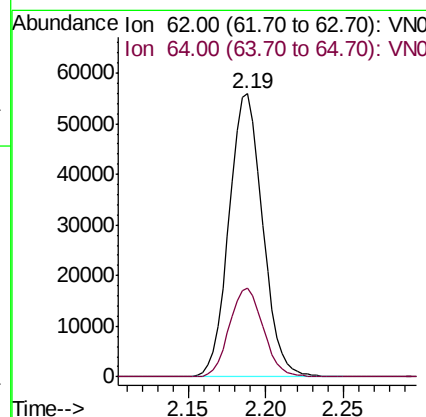
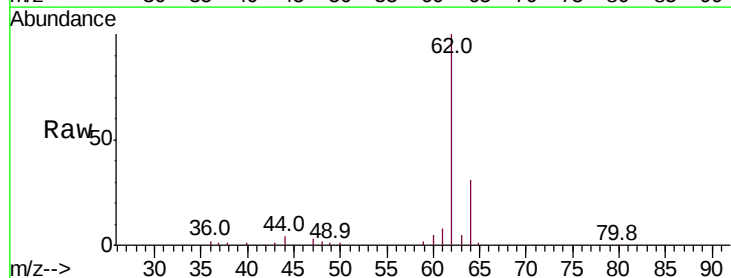
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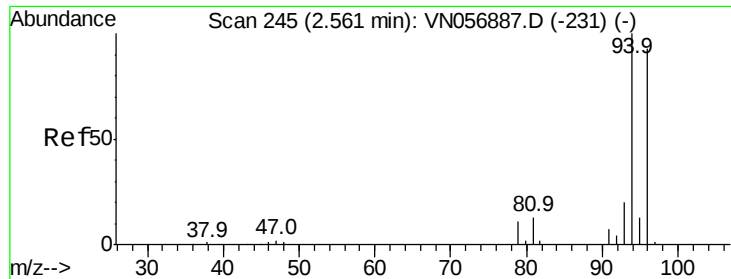
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#4
Vinyl Chloride
Concen: 20.055 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.4	38.0





#5

Bromomethane

Concen: 22.228 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072419

Tot Ion: 94 Resp: 57395

Ion Ratio Lower Upper

94 100

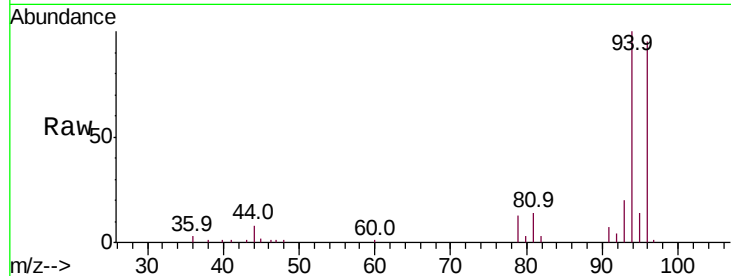
96 94.6 74.7 112.1

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.56

30000

25000

20000

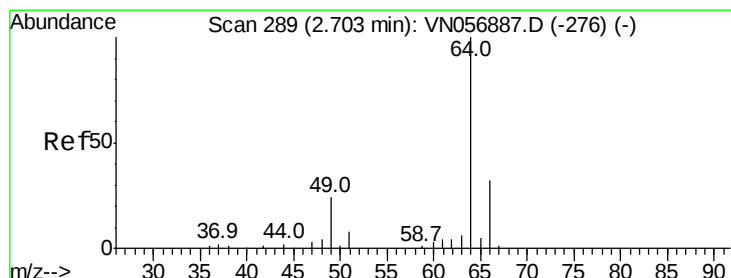
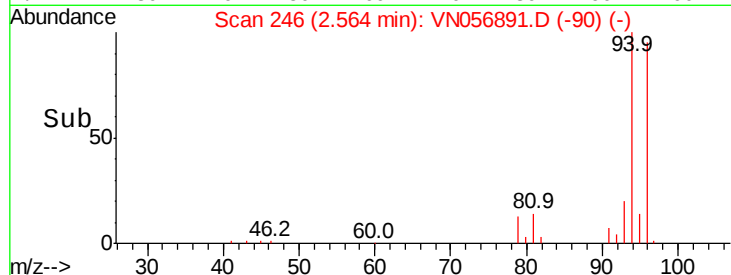
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.832 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN056891.D

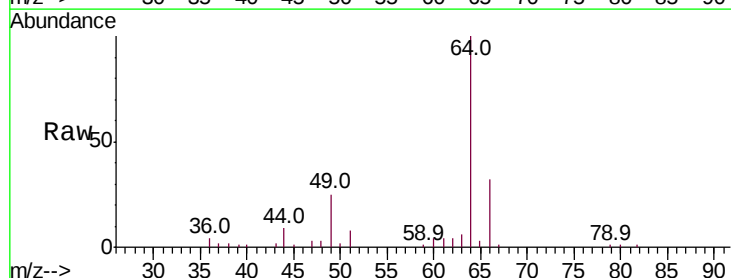
Acq: 23 Jul 2019 21:29

Tgt Ion: 64 Resp: 46262

Ion Ratio Lower Upper

64 100

66 31.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.70

25000

20000

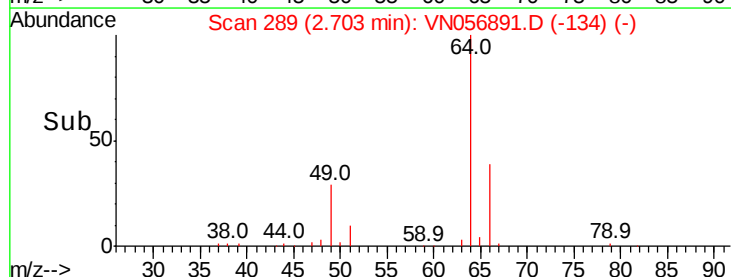
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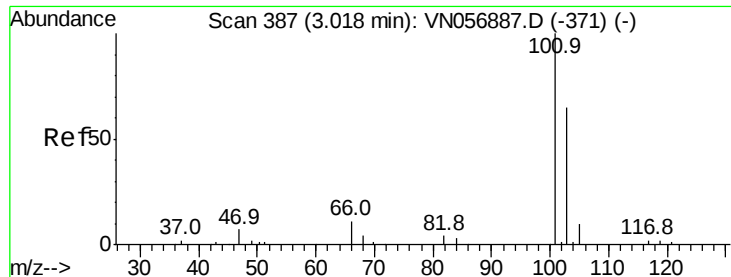
10000

5000

0

Time-->





#7

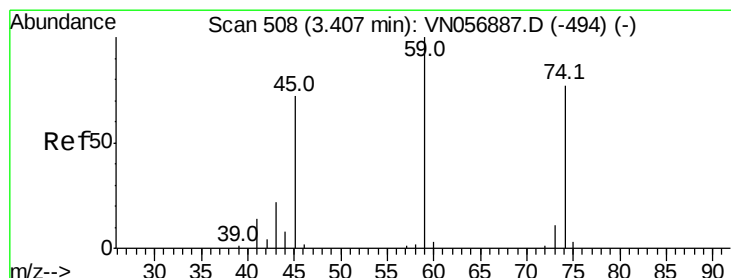
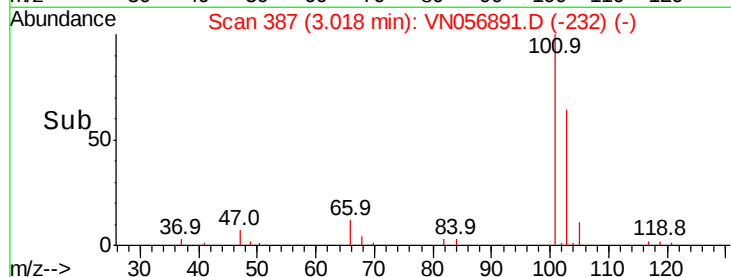
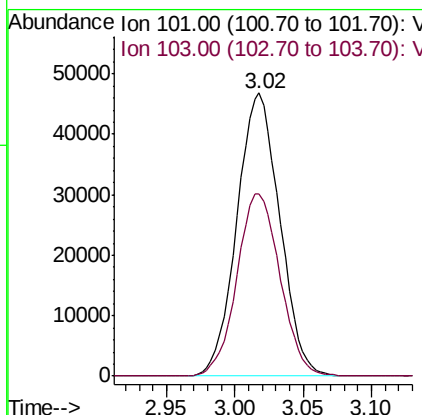
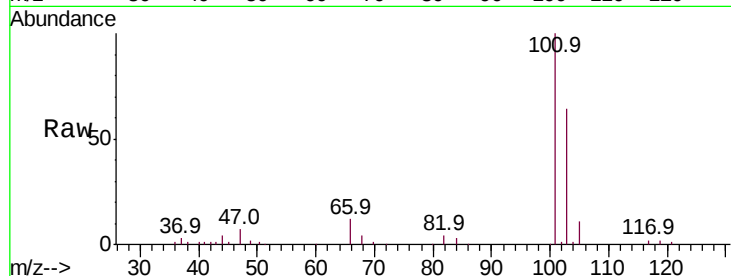
Trichlorofluoromethane
 Concen: 19.938 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
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 ICVVN072419

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

Manual Integrations
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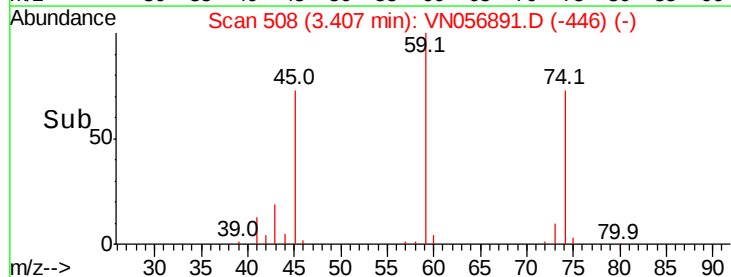
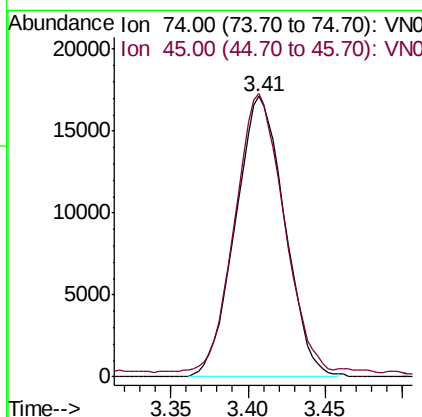
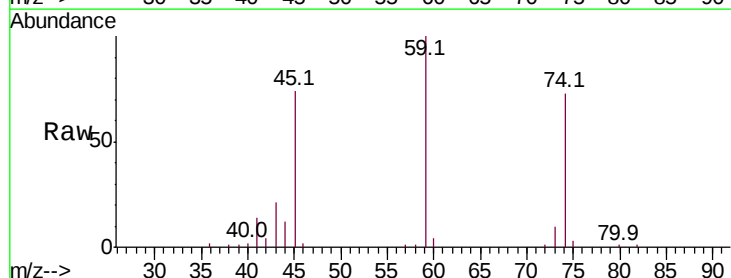
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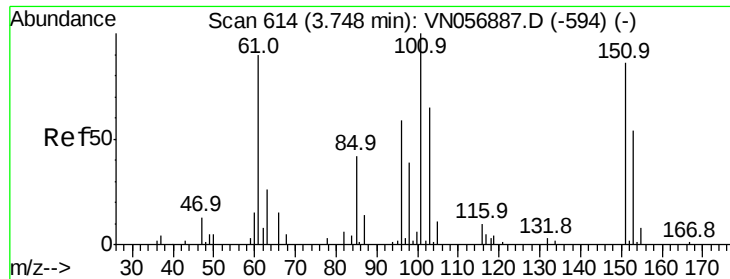


#8

Diethyl Ether
 Concen: 19.847 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	19.5	175.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.904 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

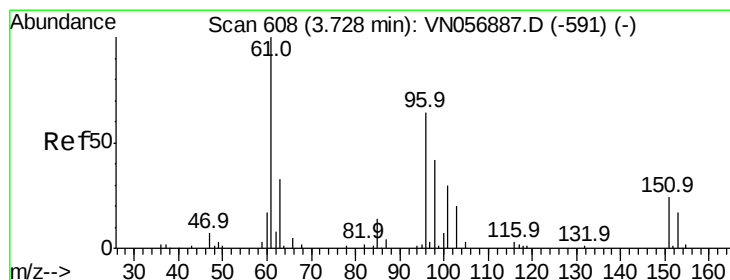
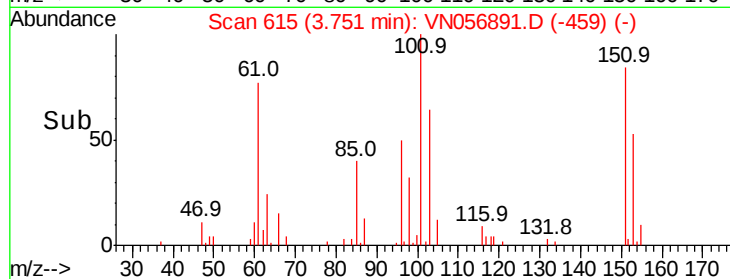
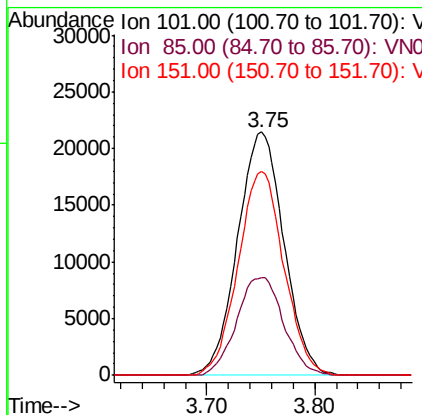
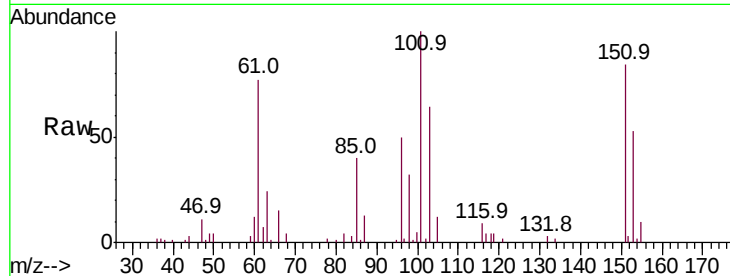
ClientSampleId :

ICVVN072419

Tot Ion:	101	Resp:	64017
Ion Ratio	Lower	Upper	
101	100		
85	40.7	0.0	85.0
151	82.8	0.0	167.2

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#10

1,1-Dichloroethene

Concen: 20.204 ug/l

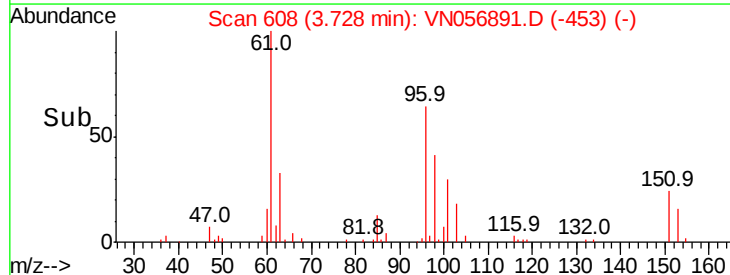
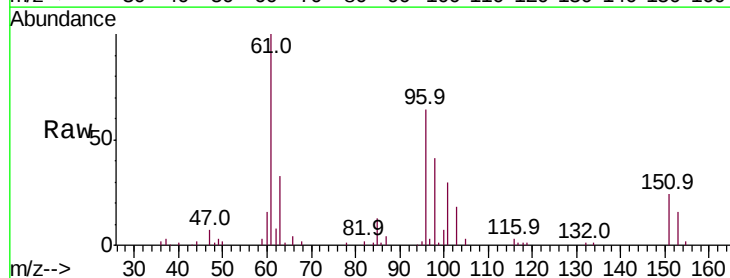
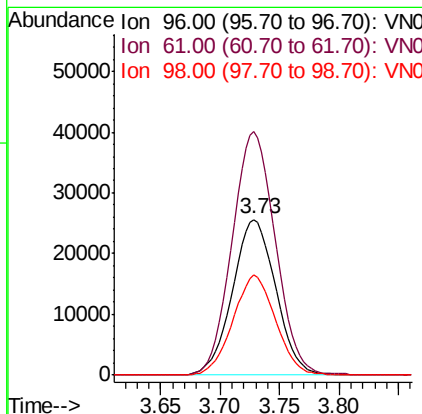
RT: 3.73 min Scan# 608

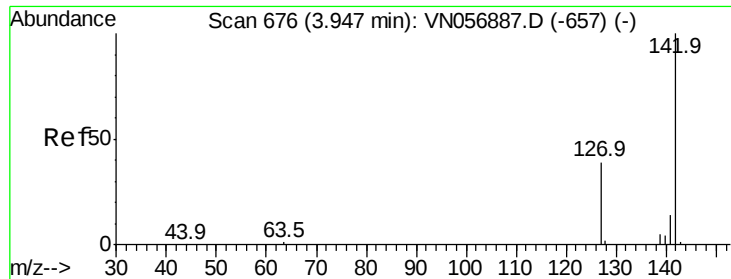
Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	96	Resp:	64488
Ion Ratio	Lower	Upper	
96	100		
61	156.7	125.8	188.8
98	64.2	52.7	79.1





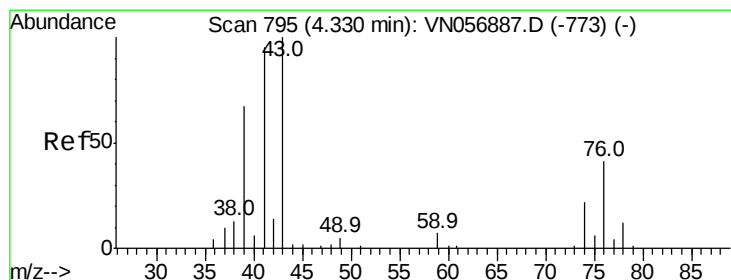
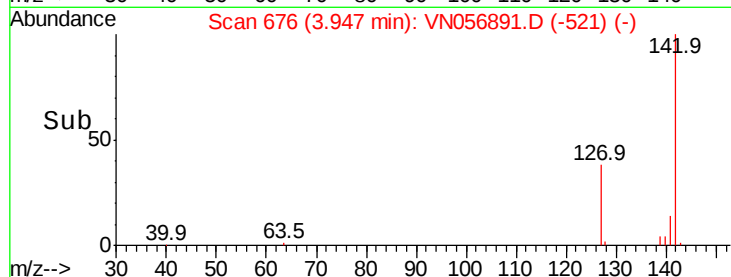
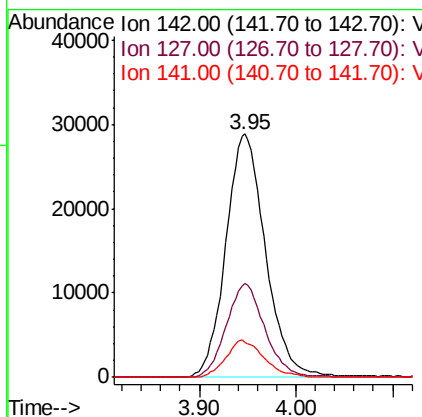
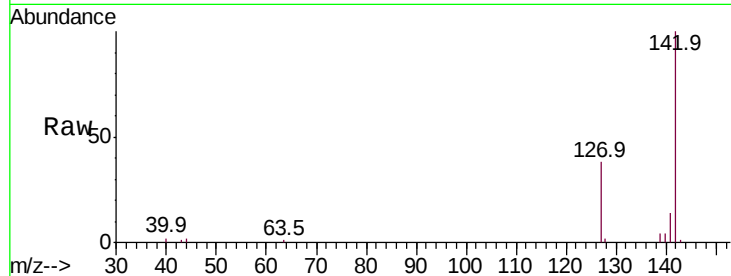
#11
Methvl Iodide
Concen: 17.391 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.6	19.6	58.8
141	14.4	7.2	21.6

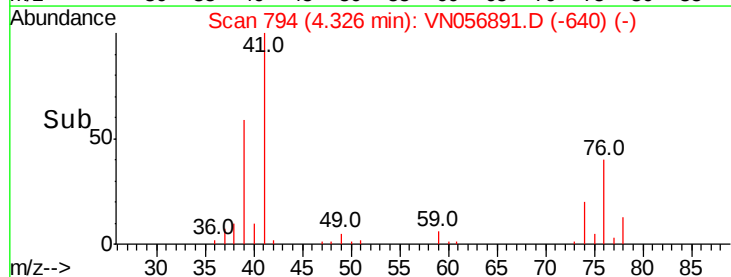
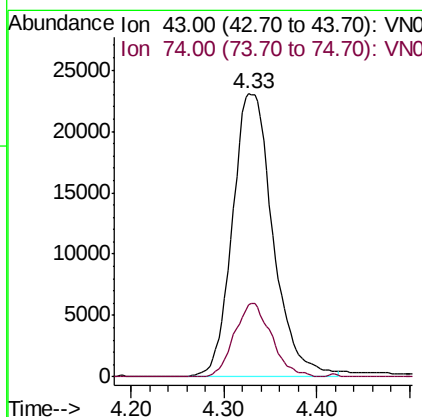
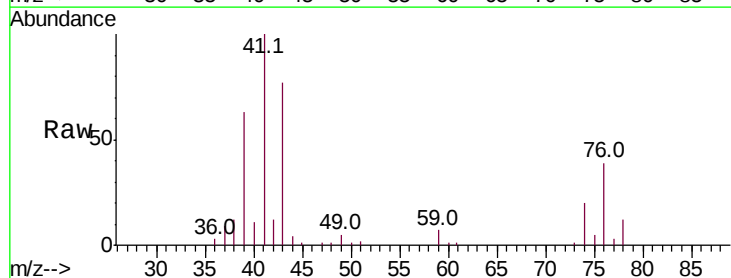
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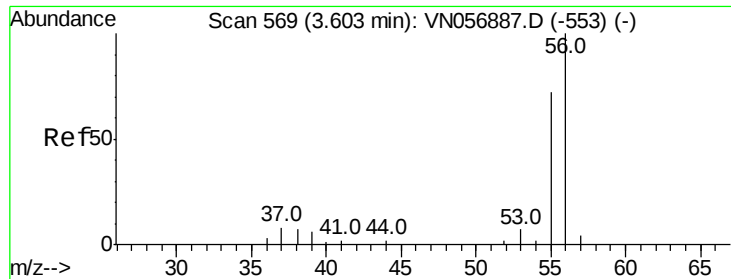
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#12
Methyl Acetate
Concen: 17.950 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	18.1	27.1





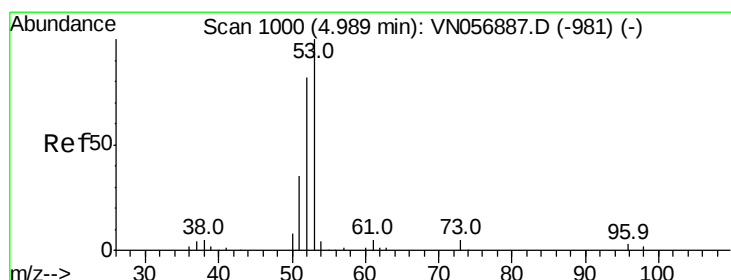
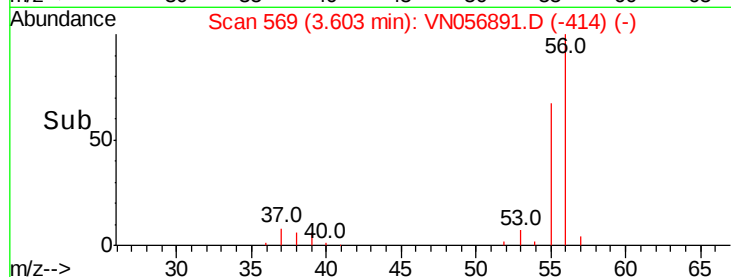
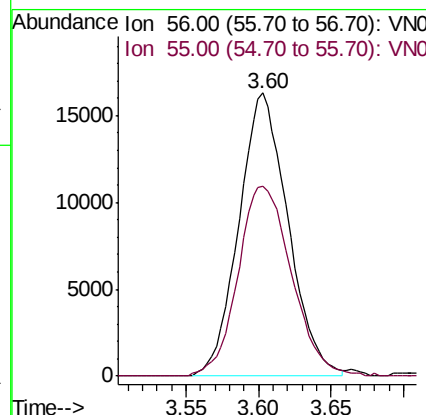
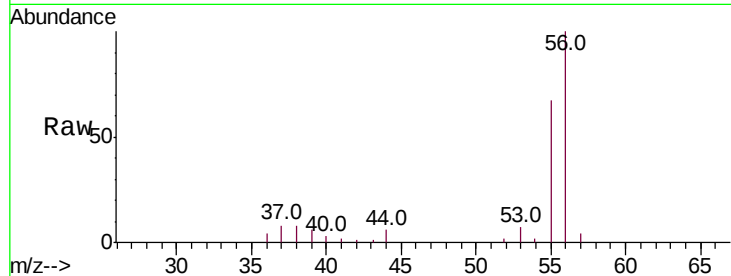
#13
Acrolein
Concen: 86.996 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion: 56 Resp: 38460
Ion Ratio Lower Upper
56 100
55 73.1 58.5 87.7

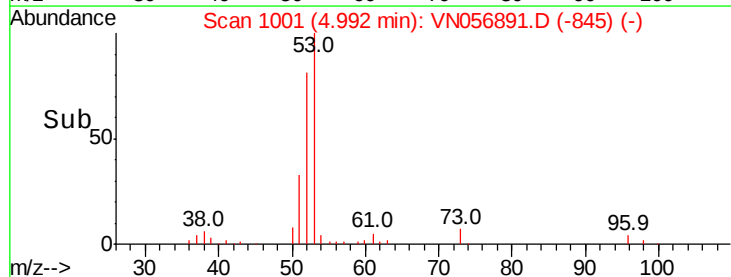
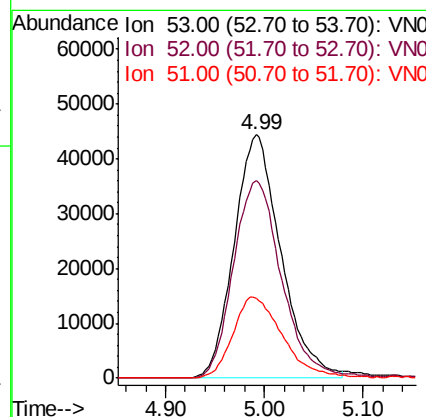
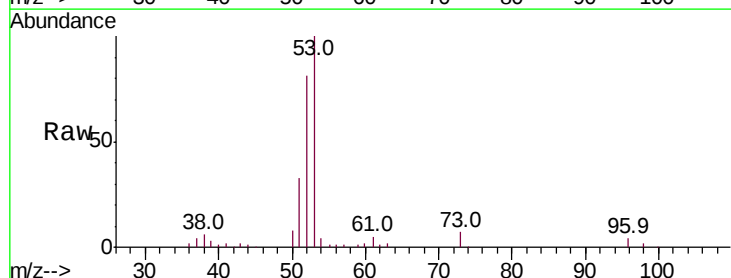
Manual Integrations
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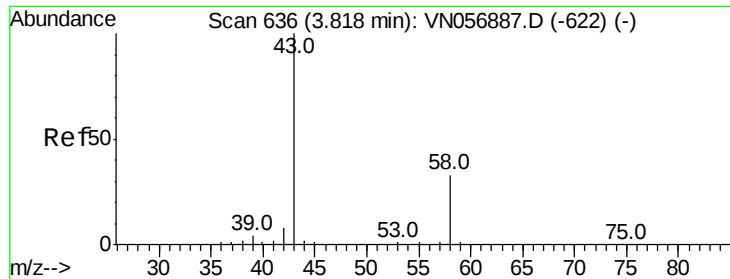
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#14
Acrylonitrile
Concen: 97.125 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion: 53 Resp: 146316
Ion Ratio Lower Upper
53 100
52 83.6 40.8 122.5
51 35.4 17.4 52.2





#15

Acetone

Concen: 98.615 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072419

Tot Ion: 58 Resp: 38408

Ion Ratio Lower Upper

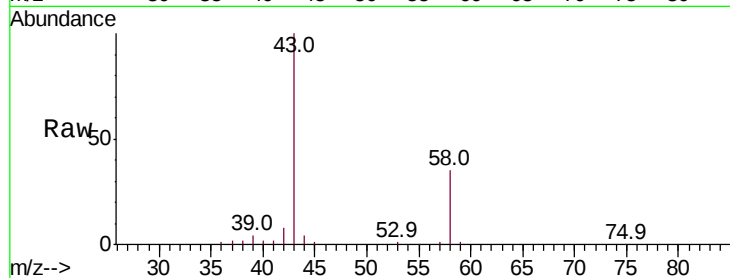
58 100

43 287.2 242.4 363.6

Manual Integrations
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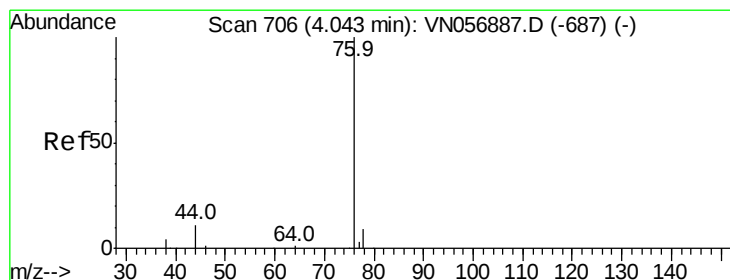
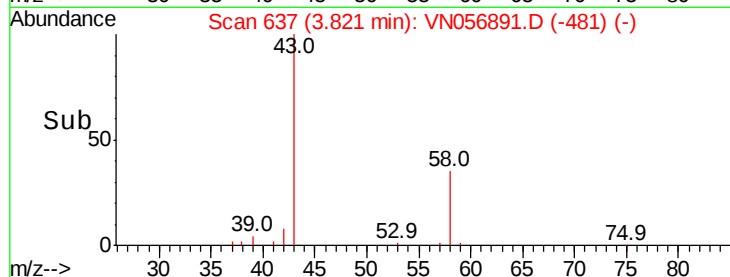
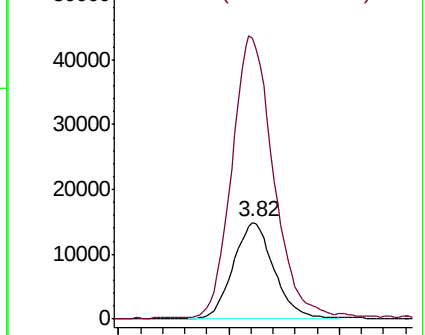
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.017 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056891.D

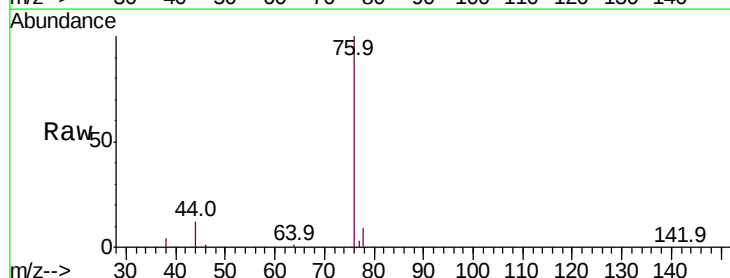
Acq: 23 Jul 2019 21:29

Tgt Ion: 76 Resp: 172280

Ion Ratio Lower Upper

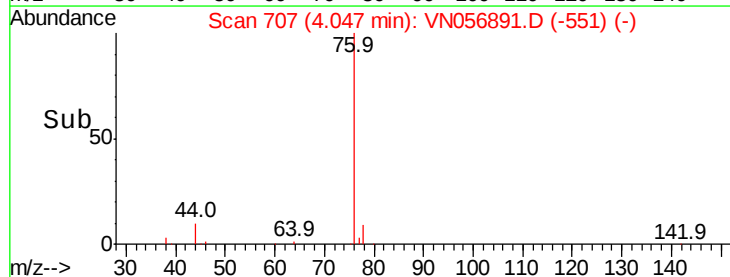
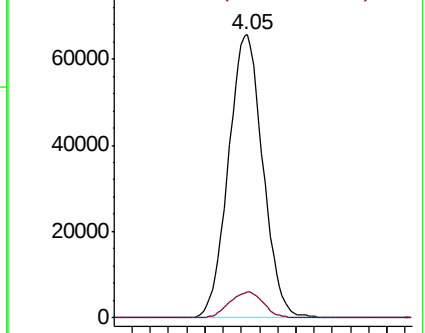
76 100

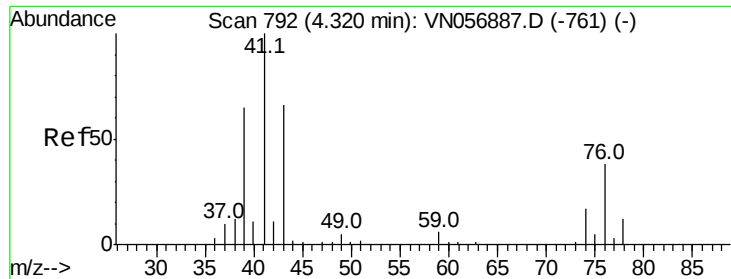
78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allvl chloride

Concen: 19.111 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

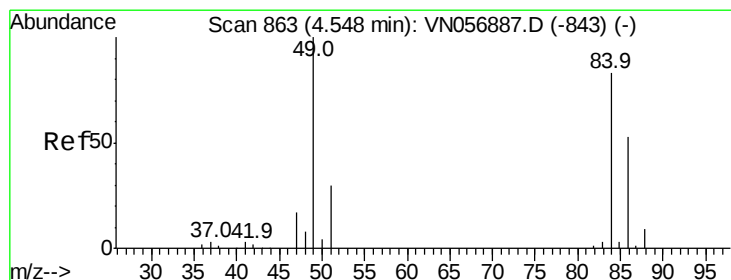
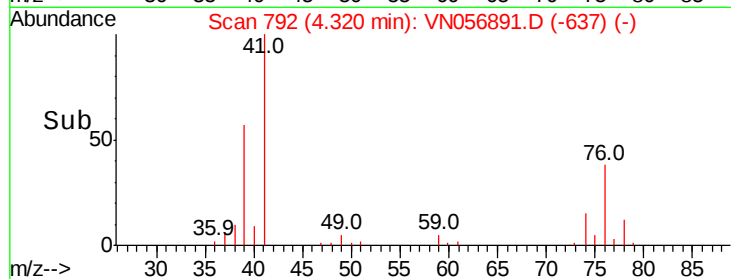
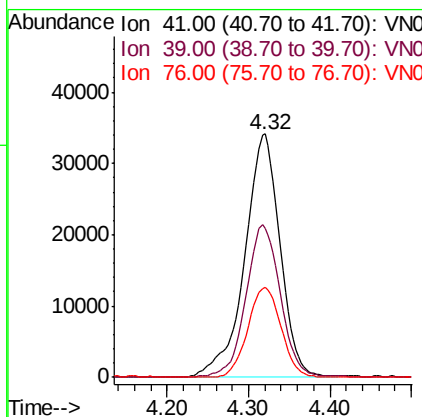
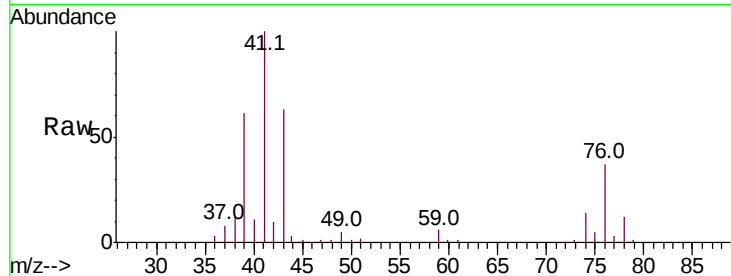
ClientSampleId :

ICVVN072419

Tot Ion:	41	Resp:	102072
Ion Ratio	Lower	Upper	
41	100		
39	61.2	32.4	97.0
76	36.8	19.0	57.0

Manual Integrations
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#18

Methylene Chloride

Concen: 19.766 ug/l

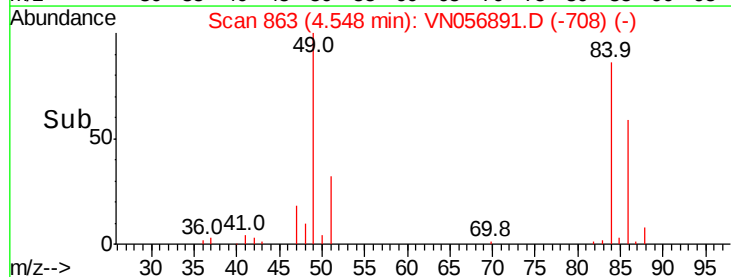
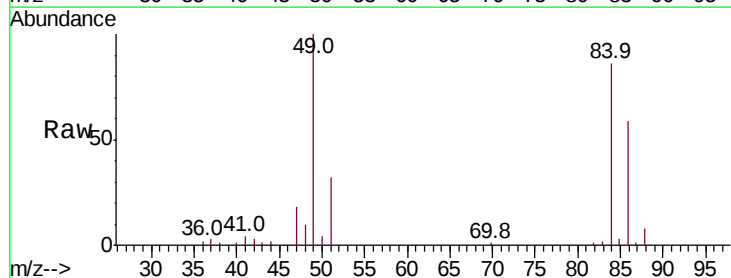
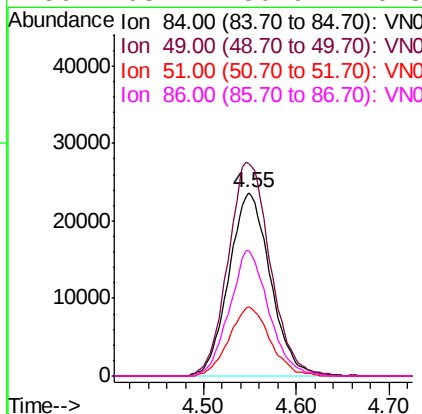
RT: 4.55 min Scan# 863

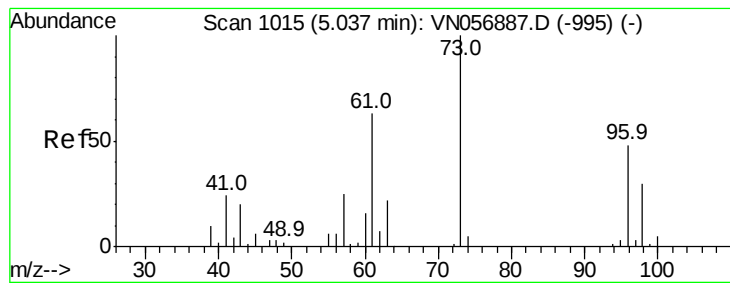
Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	84	Resp:	73431
Ion Ratio	Lower	Upper	
84	100		
49	116.0	96.3	144.5
51	37.6	28.8	43.2
86	68.4	50.9	76.3





#19

trans-1,2-Dichloroethene

Concen: 19.694 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072419

Tot Ion: 96 Resp: 66524

Ion Ratio Lower Upper

96 100

61 136.6 105.4 158.0

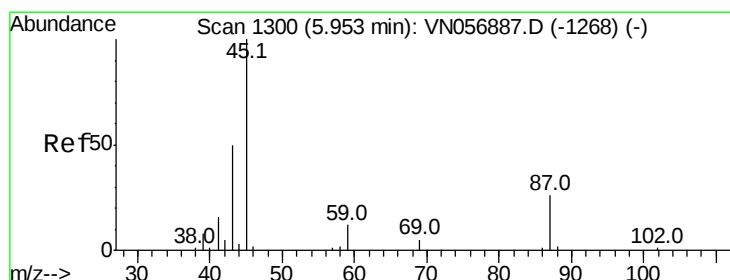
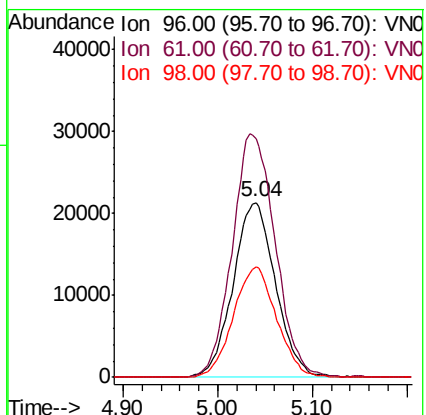
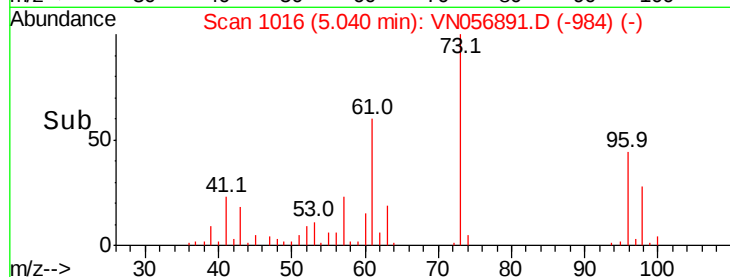
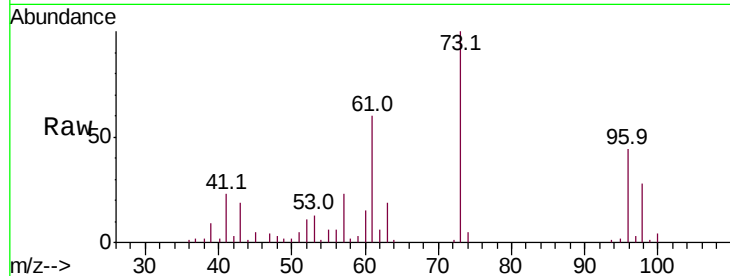
98 63.2 50.8 76.2

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#20

Diisopropyl ether

Concen: 19.719 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion: 45 Resp: 213842

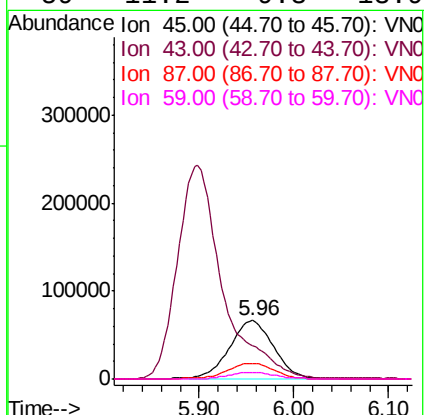
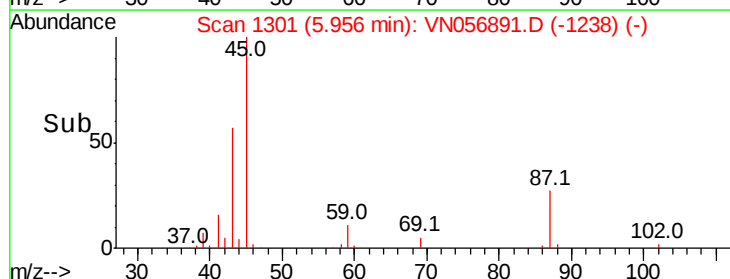
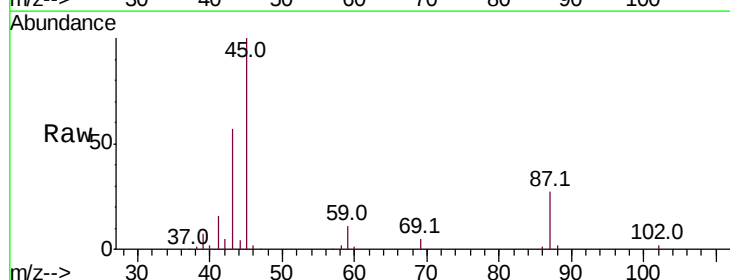
Ion Ratio Lower Upper

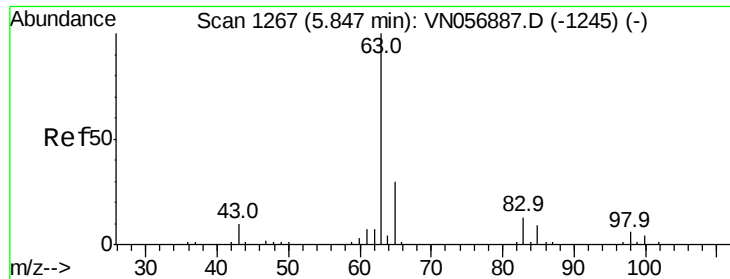
45 100

43 54.5 47.4 71.0

87 26.9 21.7 32.5

59 11.2 9.3 13.9





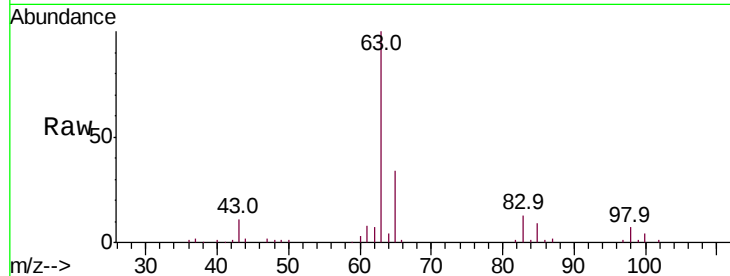
#21
 1,1-Dichloroethane
 Concen: 19.759 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

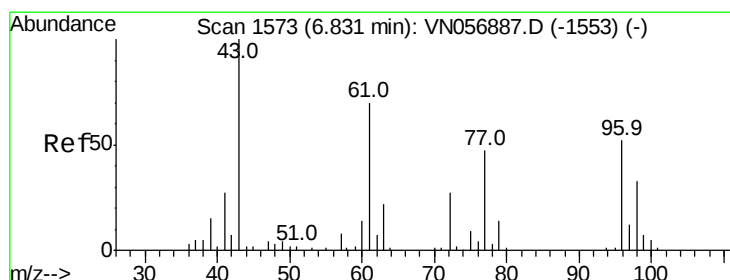
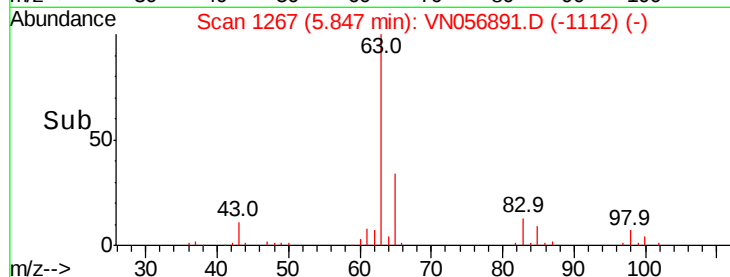
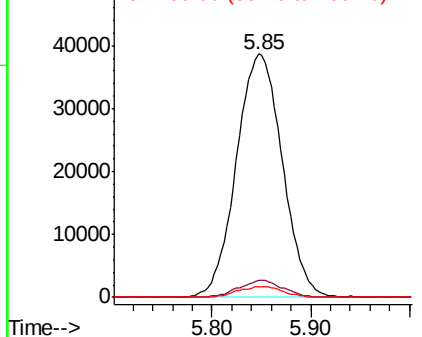
Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.8	3.1	9.3	
100	4.2	1.8	5.5	

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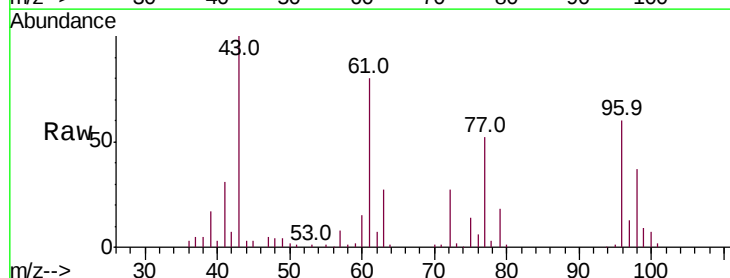


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

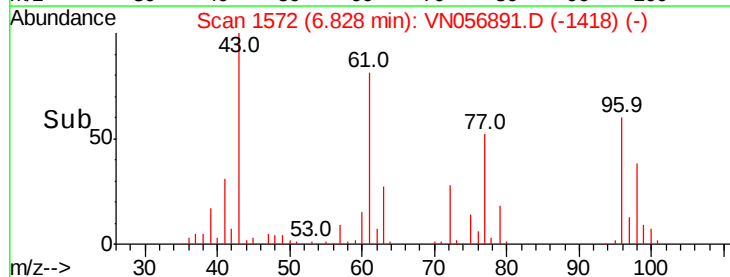
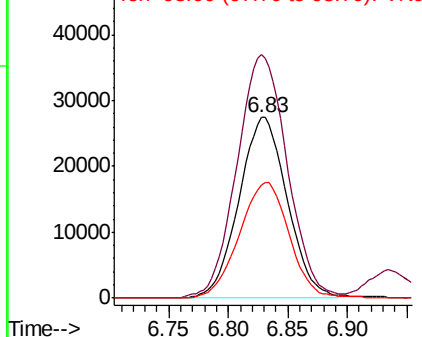


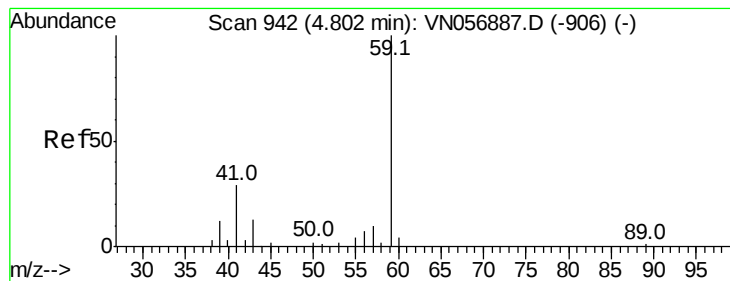
#22
 cis-1,2-Dichloroethene
 Concen: 19.685 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.7	111.6	167.4	
98	66.0	51.0	76.4	



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

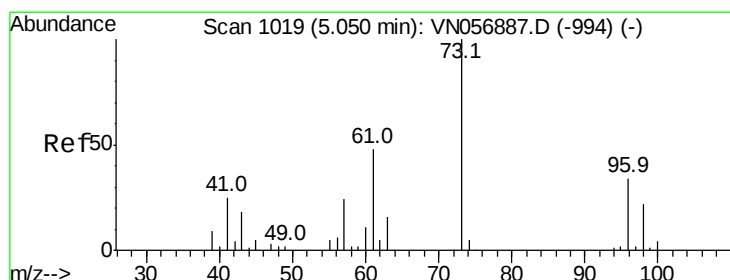
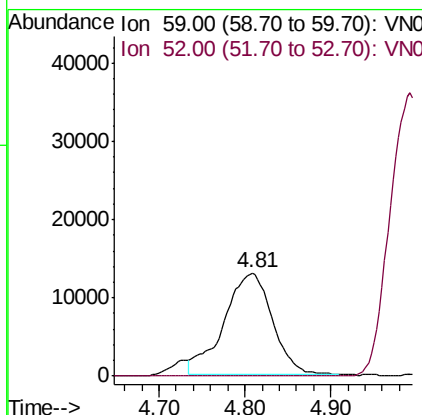
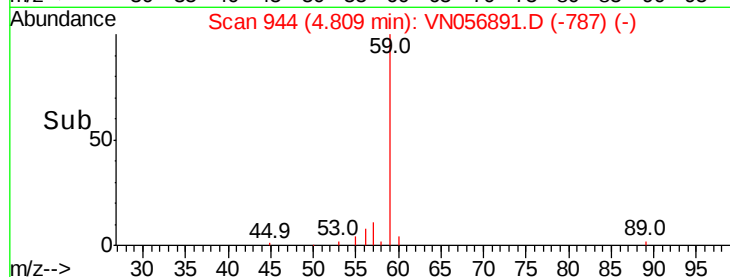
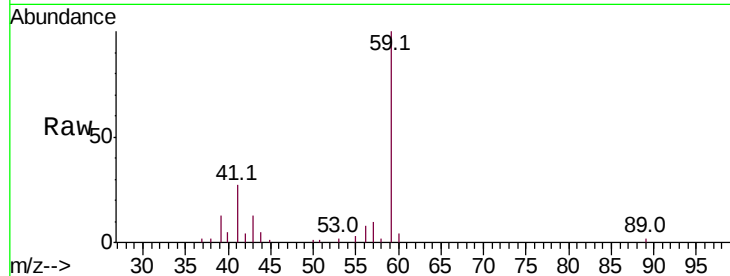
tert-Butyl Alcohol
 Concen: 101.208 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.0	0.0	0.0	

Manual Integrations
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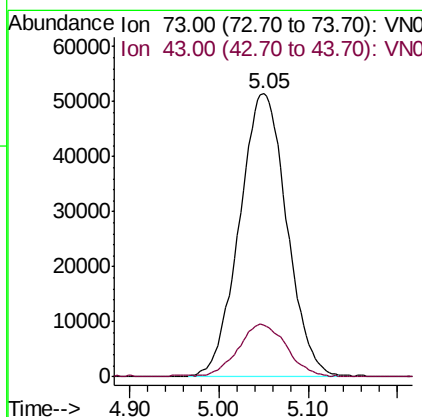
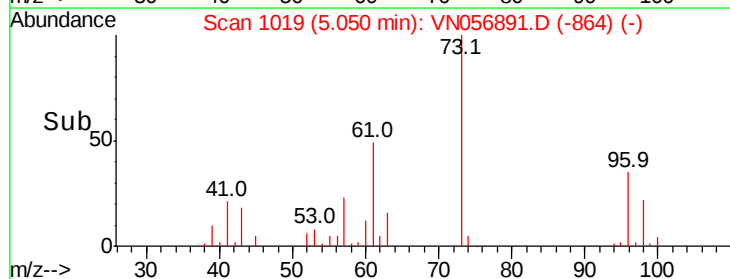
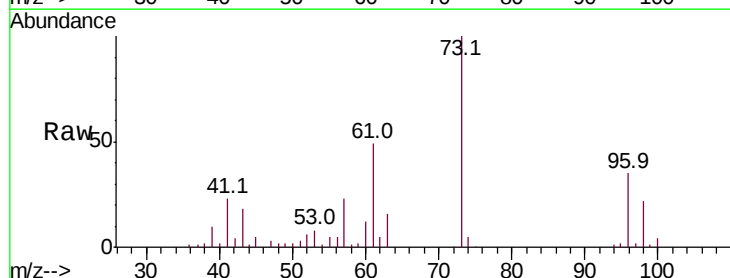
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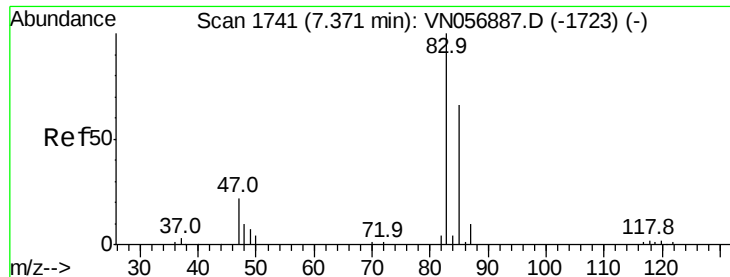


#24

Methyl tert-Butyl Ether
 Concen: 19.717 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	18.7	15.4	23.0	





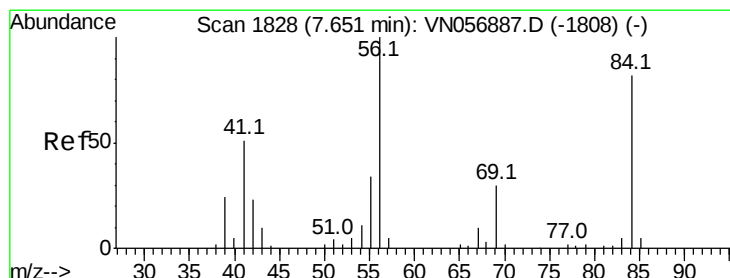
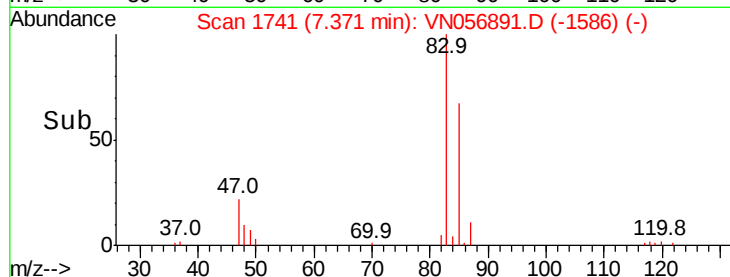
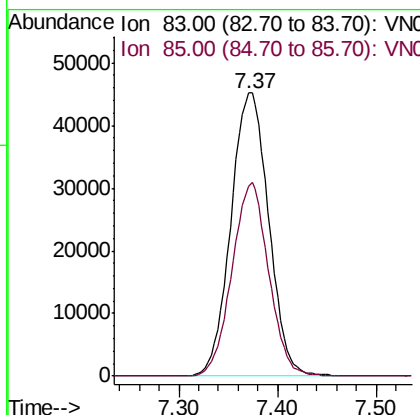
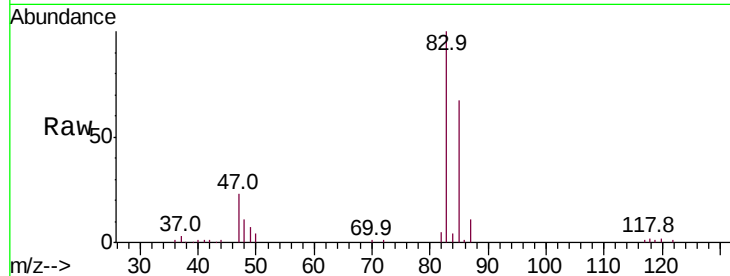
#25
Chloroform
Concen: 19.599 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion: 83 Resp: 120493
Ion Ratio Lower Upper
83 100
85 67.1 53.1 79.7

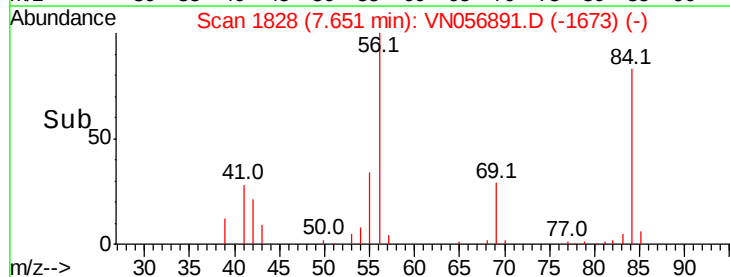
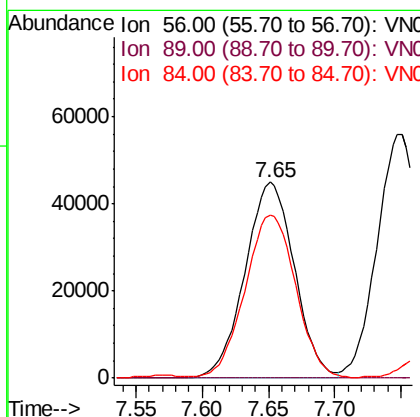
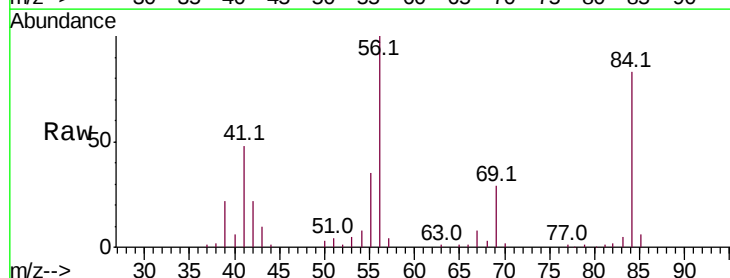
Manual Integrations
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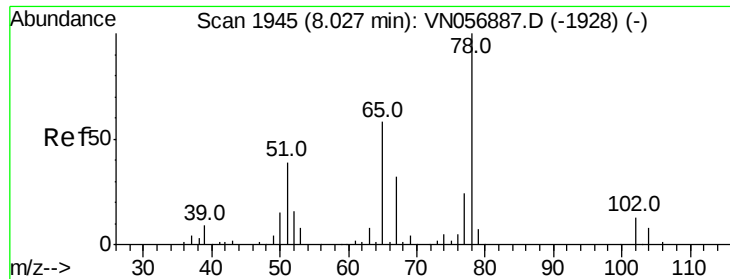
MMDadoda
7/25/2019 2:20:16 PM



#26
Cyclohexane
Concen: 20.144 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion: 56 Resp: 116620
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 67.8 101.6





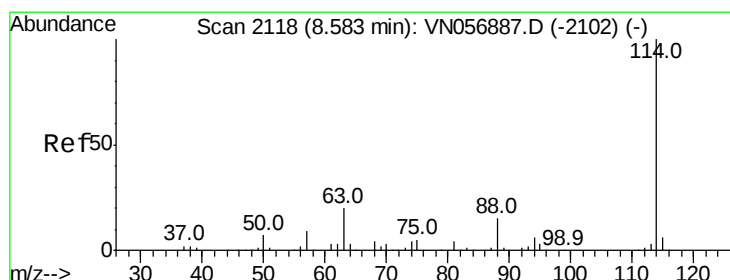
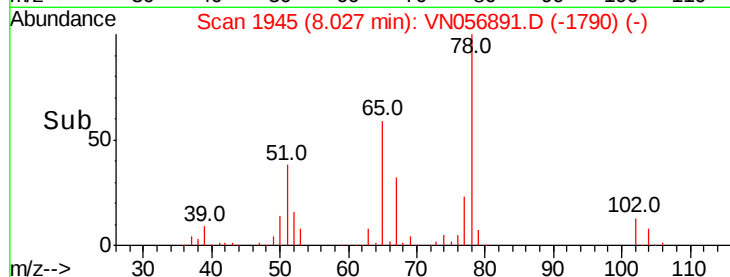
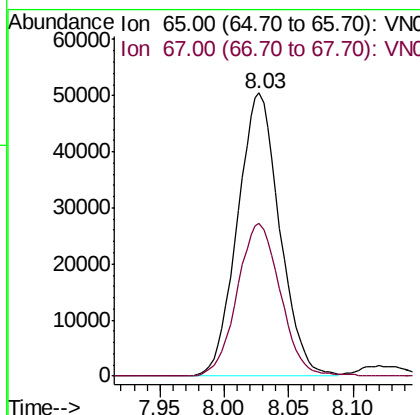
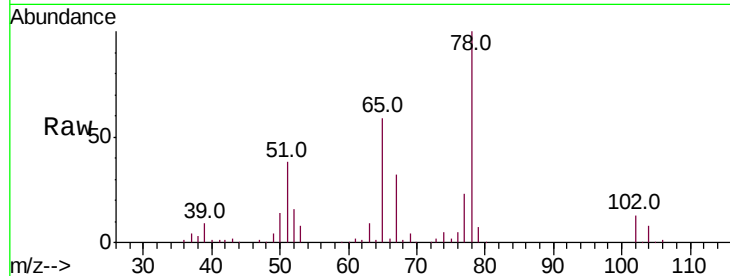
#27
 1,2-Dichloroethane-d4
 Concen: 29.385 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	44.6	66.8

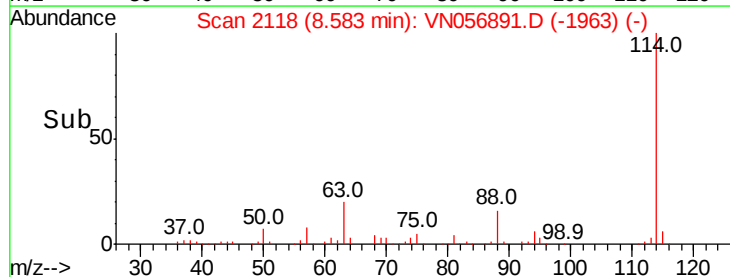
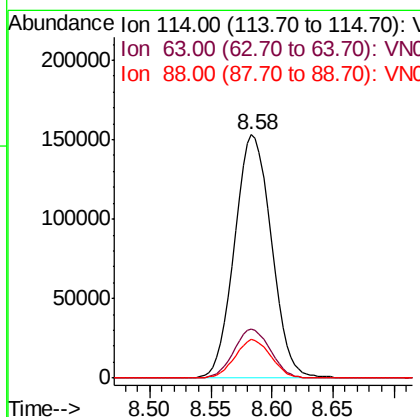
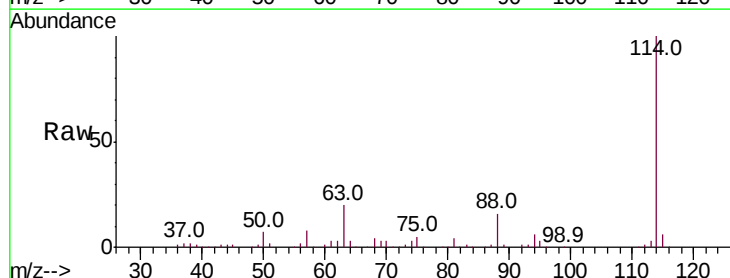
Manual Integrations
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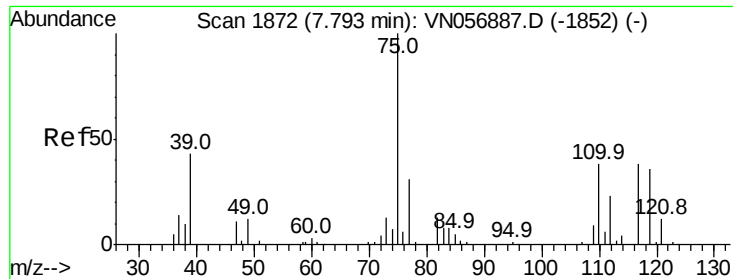
MMDadoda
 7/25/2019 2:20:16 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.8	23.6
88	15.5	12.5	18.7





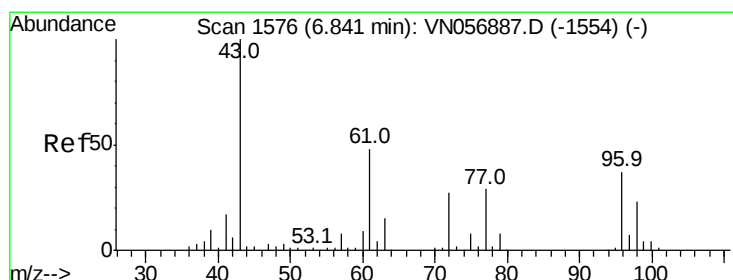
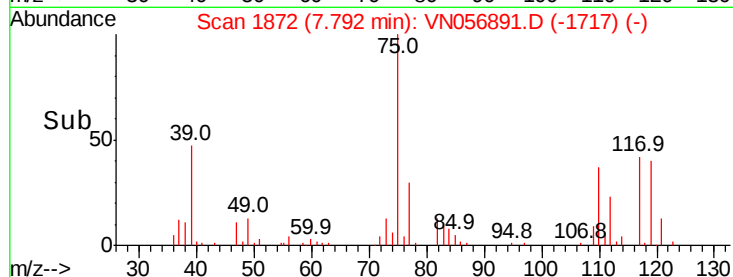
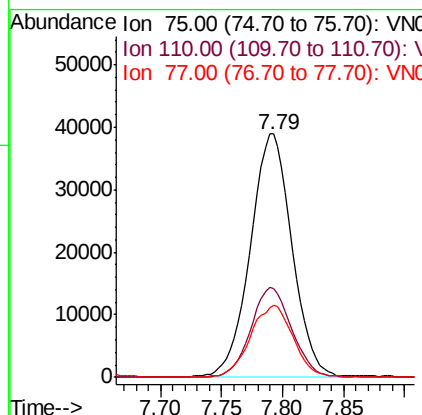
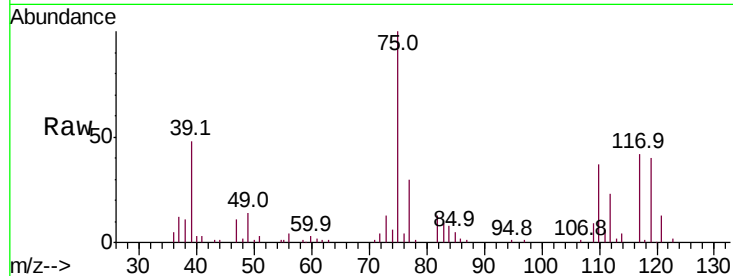
#29
 1,1-Dichloropropene
 Concen: 20.241 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	75.8
77	30.5	0.0	64.0

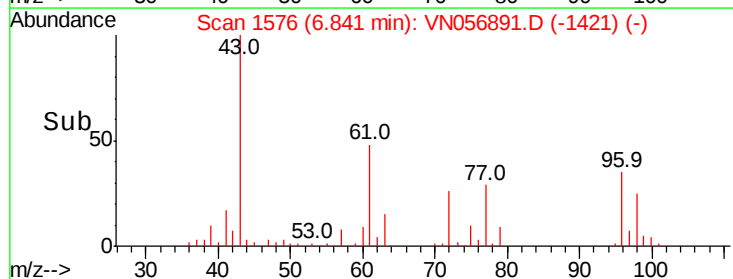
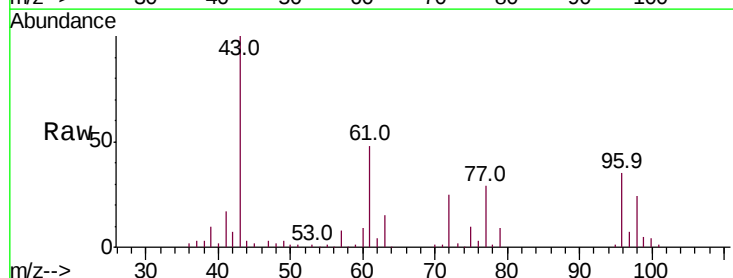
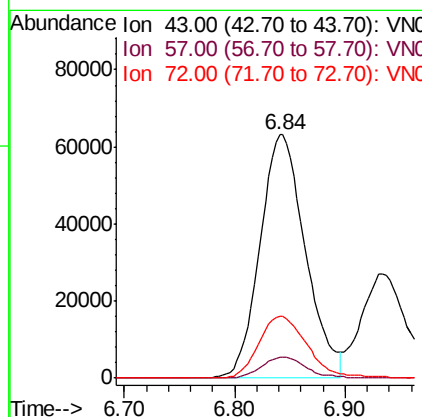
Manual Integrations
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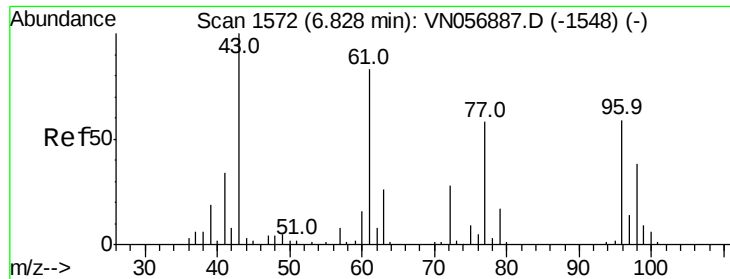
MMDadoda
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#30
 2-Butanone
 Concen: 98.398 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.5	9.7
72	27.3	22.1	33.1





#31

2,2-Dichloropropane

Concen: 18.902 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072419

Tot Ion: 77 Resp: 79960

Ion Ratio Lower Upper

77 100

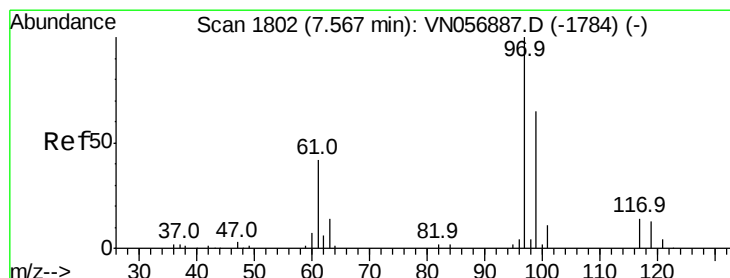
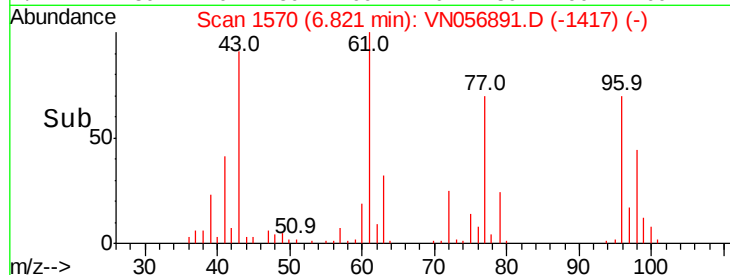
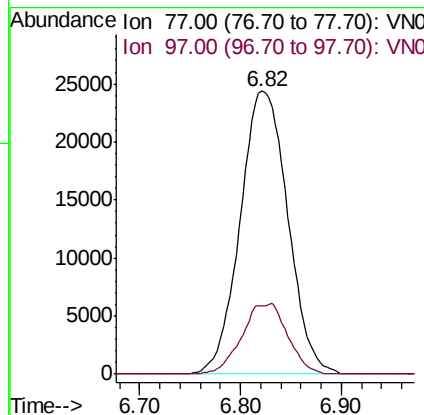
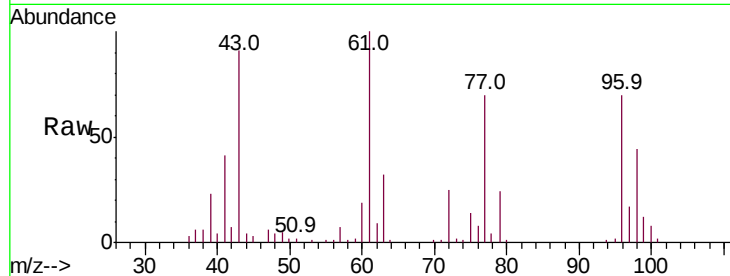
97 11.5 19.3 28.9#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.027 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

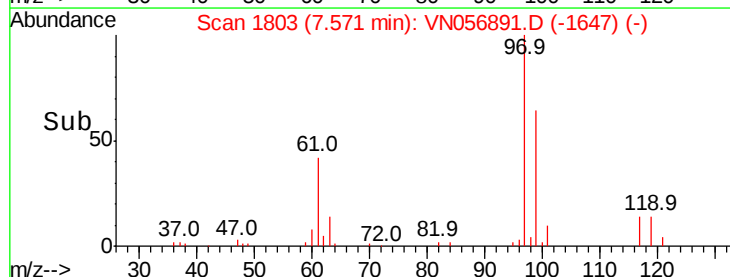
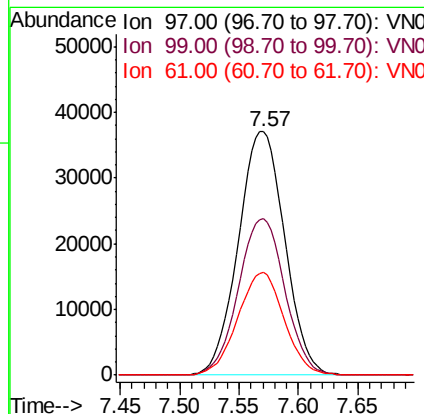
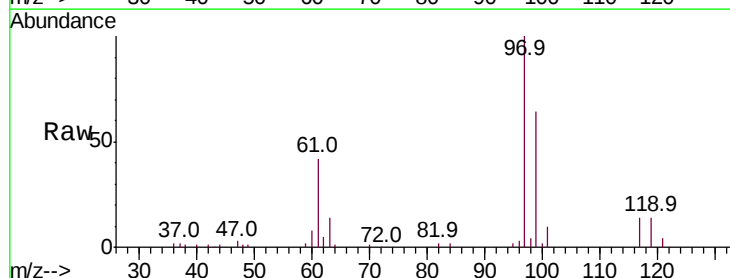
Tgt Ion: 97 Resp: 100310

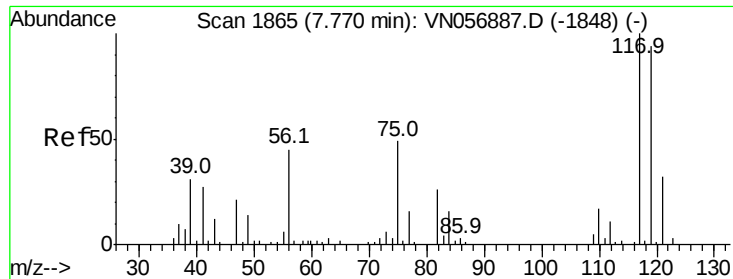
Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

61 42.1 34.4 51.6





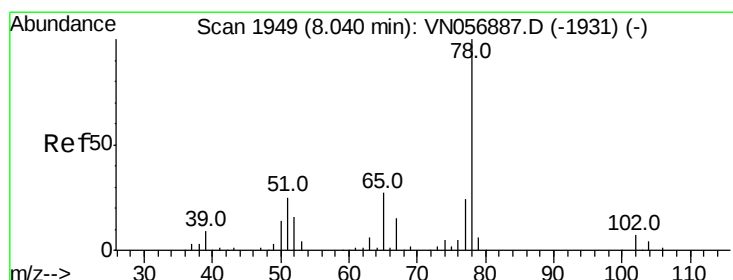
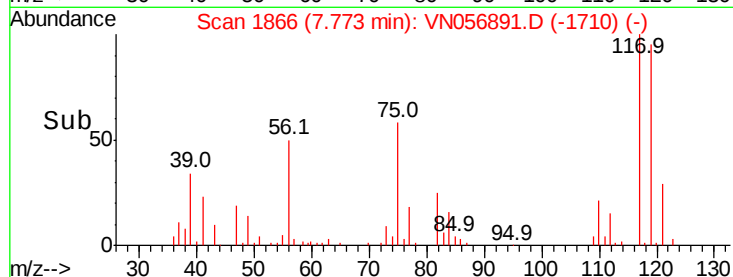
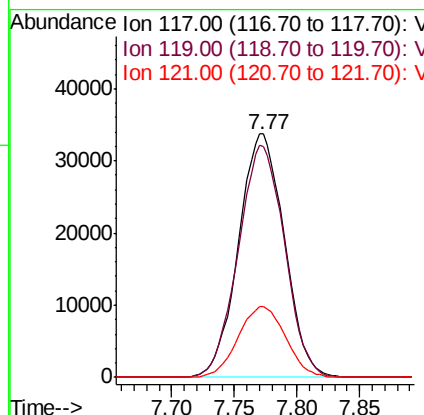
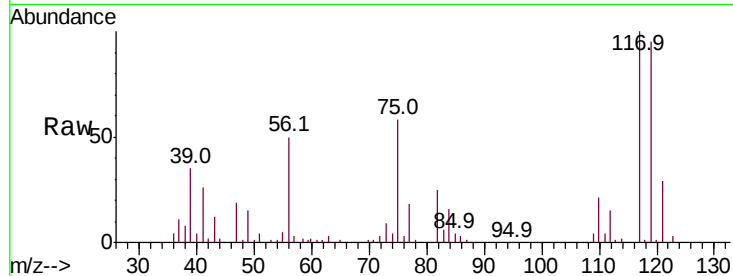
#33
Carbon Tetrachloride
Concen: 19.571 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.1	112.7
121	29.1	25.8	38.8

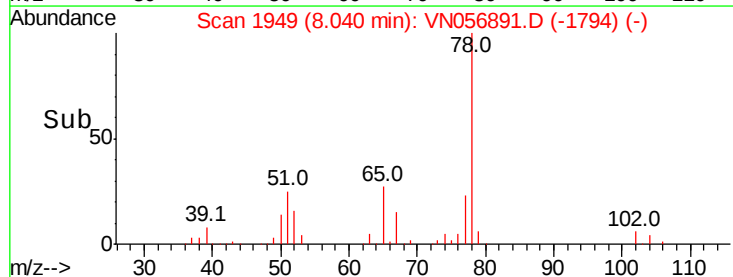
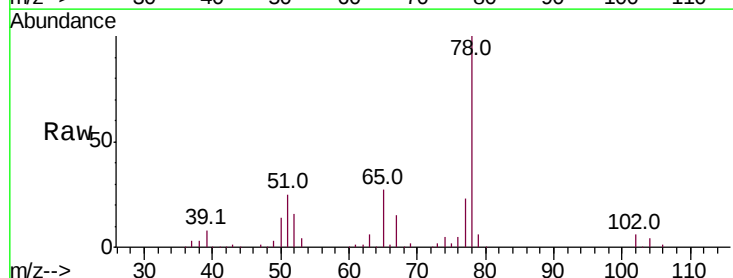
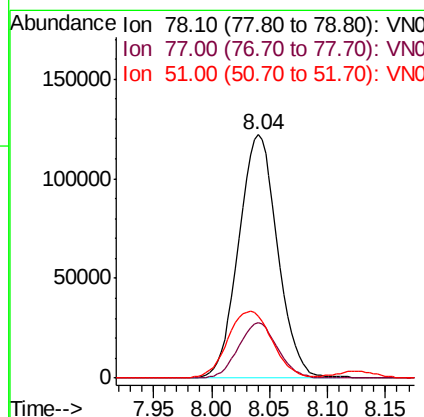
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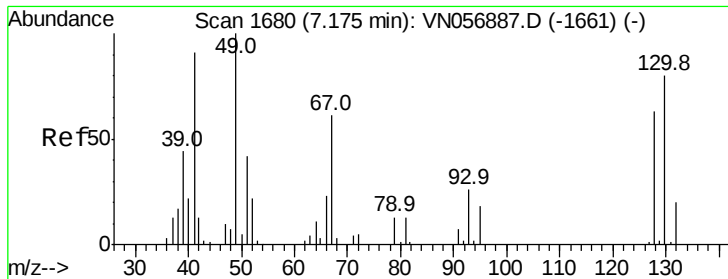
MMDadoda
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#34
Benzene
Concen: 19.842 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.4	29.2
51	25.1	20.4	30.6





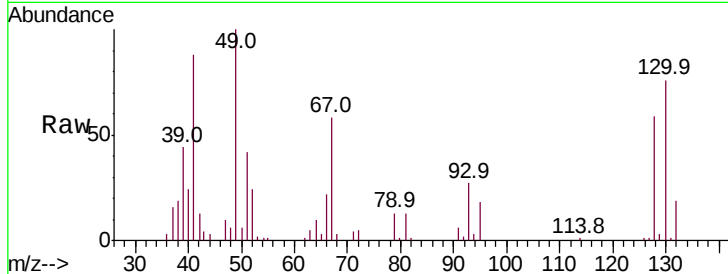
#35
Methacrylonitrile
Concen: 19.211 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

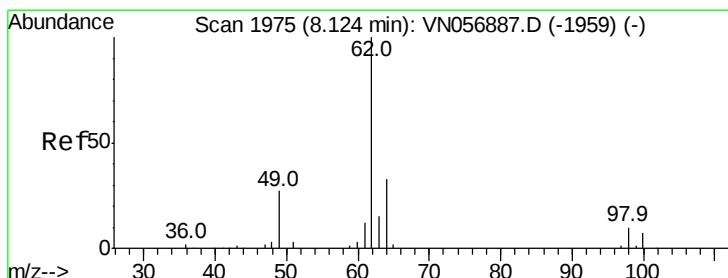
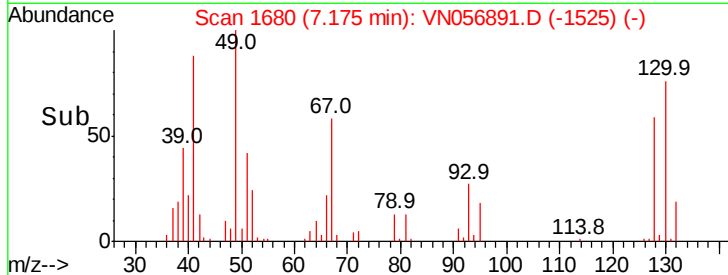
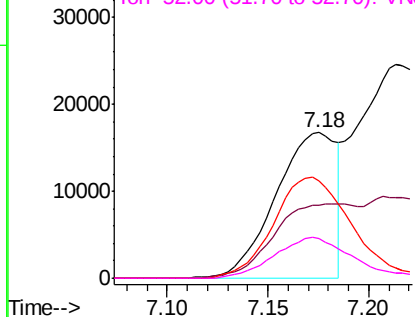
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.5	24.4	73.2	
67	66.4	33.4	100.1	
52	27.2	12.1	36.3	

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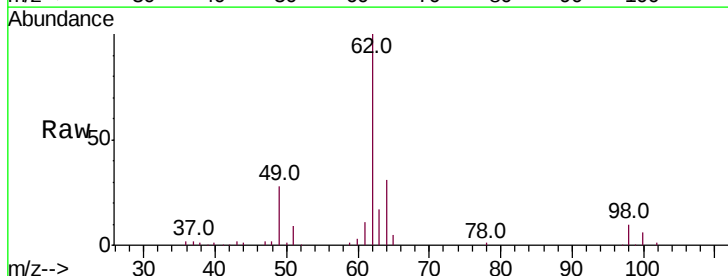


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

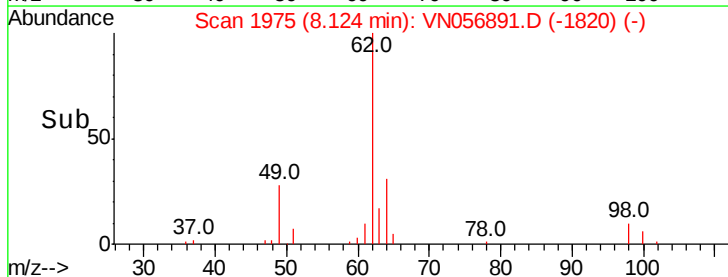
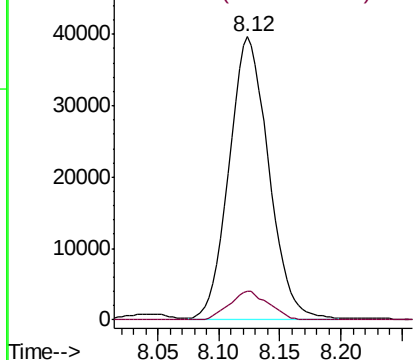


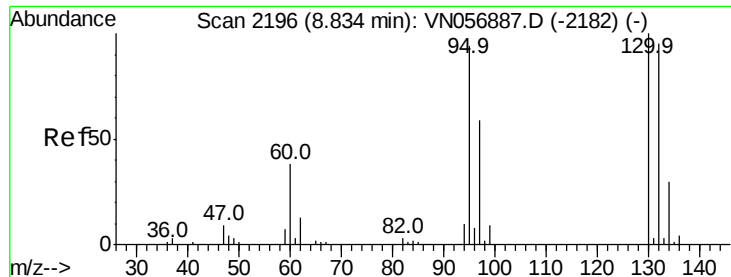
#36
1,2-Dichloroethane
Concen: 19.949 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	7.7	11.5	



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC





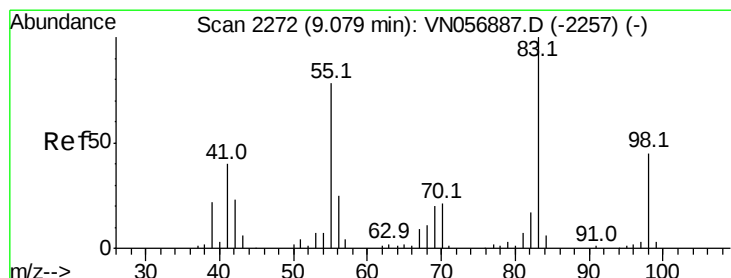
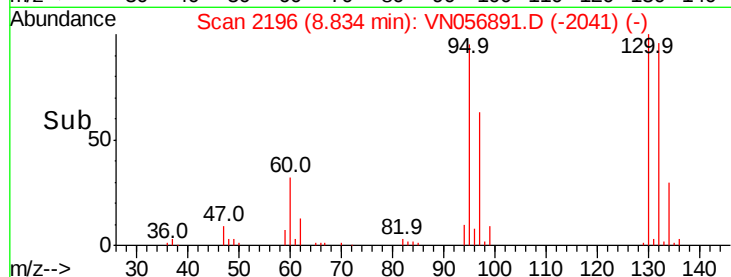
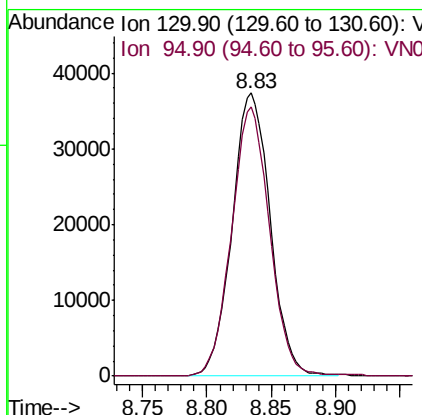
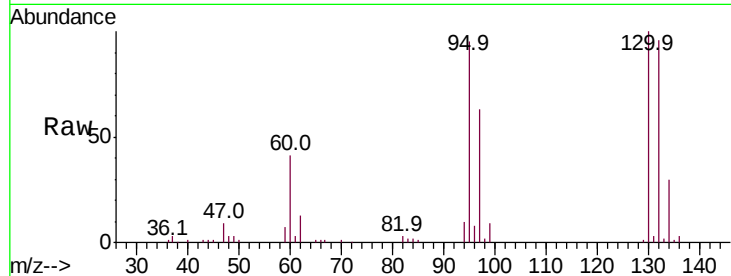
#37
 Trichloroethene
 Concen: 19.963 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion:130 Resp: 76873
 Ion Ratio Lower Upper
 130 100
 95 95.3 74.9 112.3

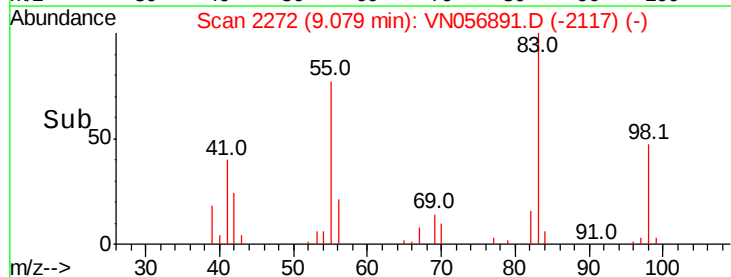
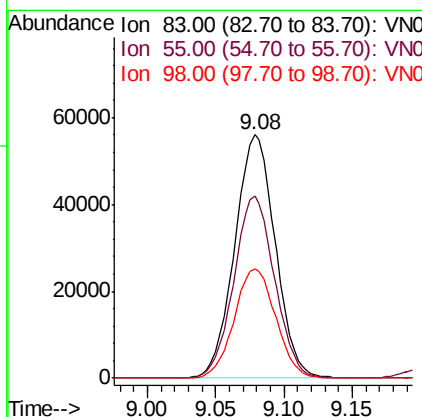
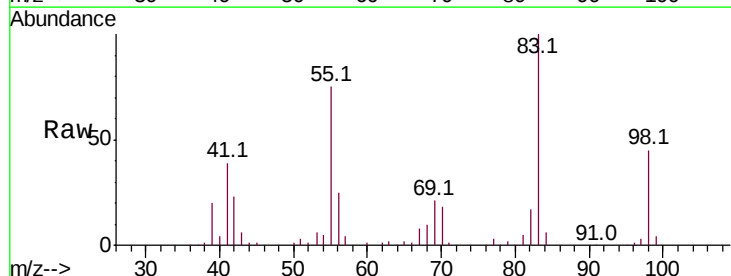
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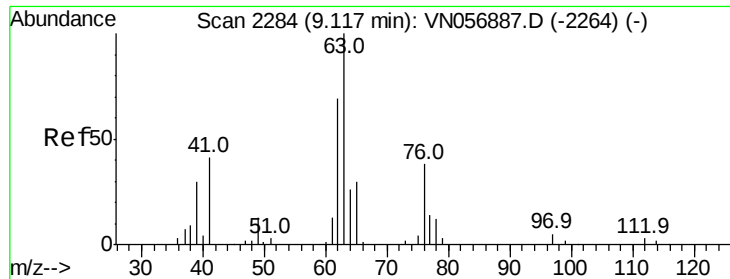
MMDadoda
 7/25/2019 2:20:16 PM



#38
 Methylcyclohexane
 Concen: 19.959 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion: 83 Resp: 115739
 Ion Ratio Lower Upper
 83 100
 55 75.1 38.4 115.1
 98 45.9 22.7 68.0





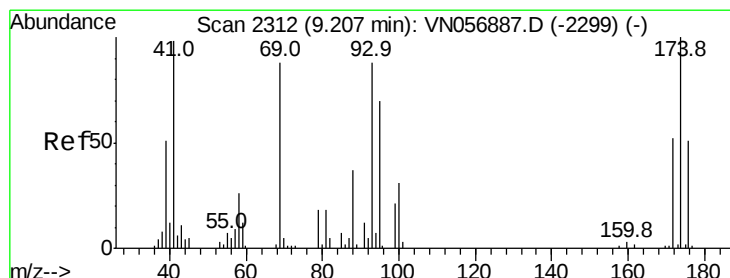
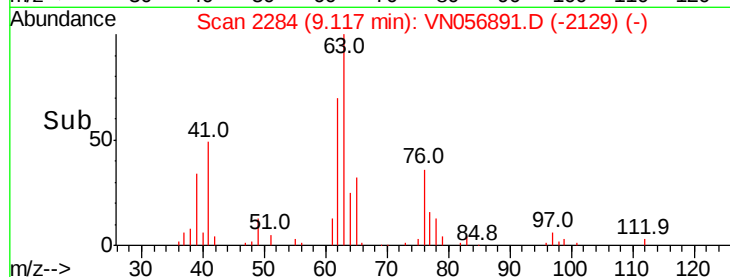
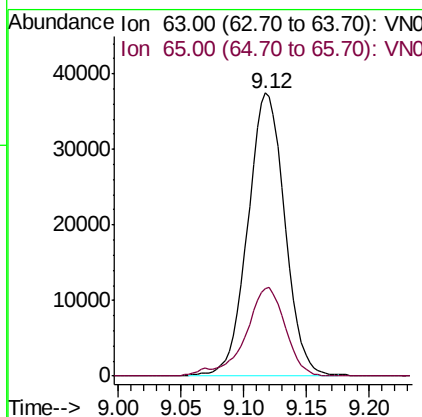
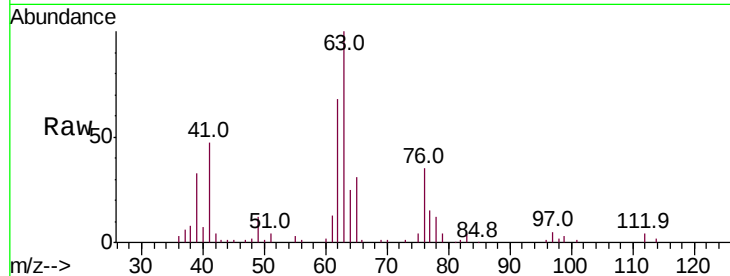
#39
 1,2-Dichloropropane
 Concen: 20.112 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	36.8

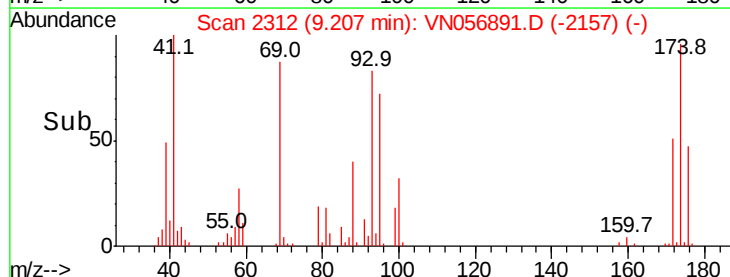
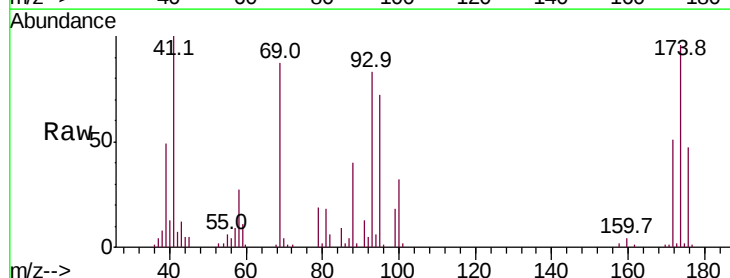
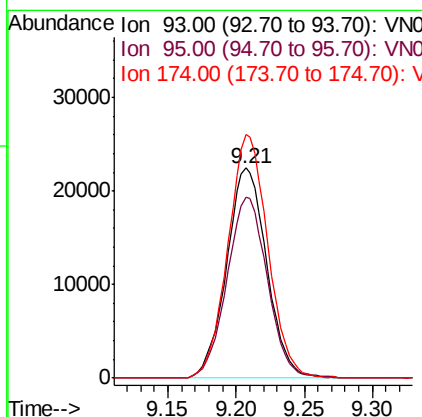
Manual Integrations
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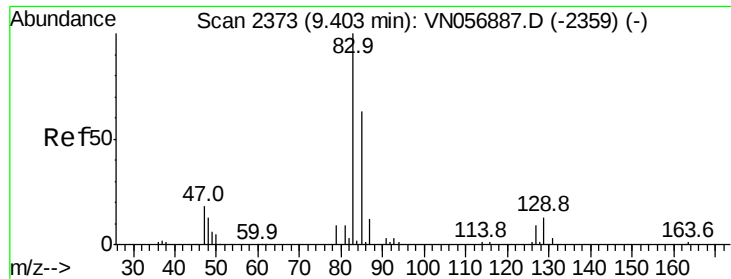
MMDadoda
 7/25/2019 2:20:16 PM



#40
 Dibromomethane
 Concen: 19.575 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.5	0.0	165.8
174	114.4	0.0	232.4





#41

Bromodichloromethane

Concen: 19.202 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

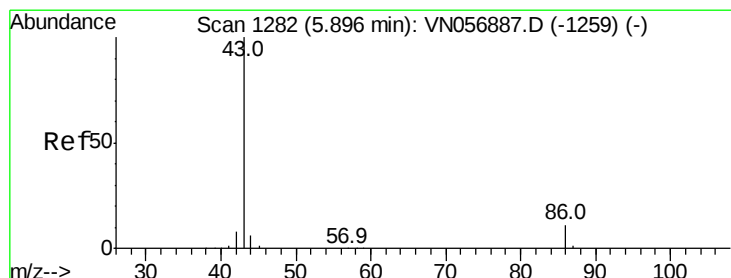
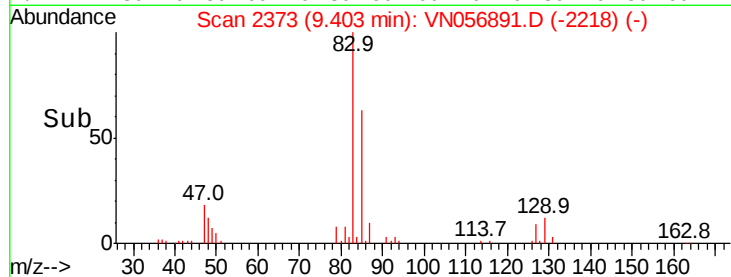
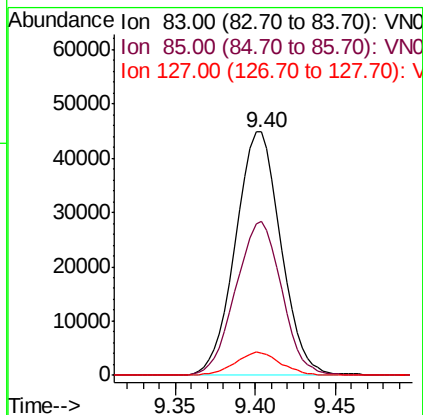
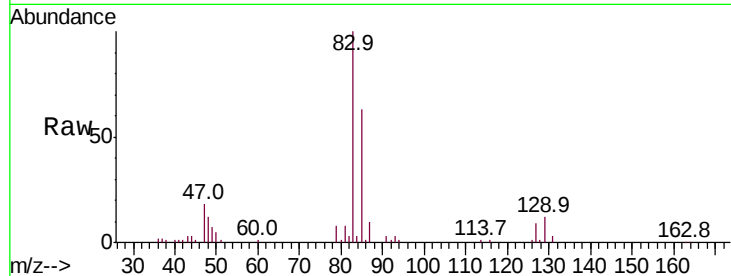
ClientSampleId :

ICVVN072419

Tot Ion:	83	Resp:	86785
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	75.8
127	9.3	7.2	10.8

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#42

Vinyl Acetate

Concen: 99.615 ug/l

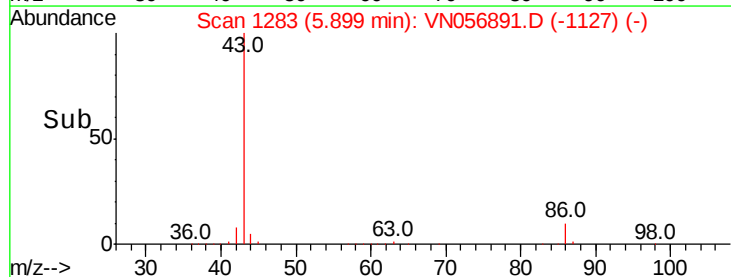
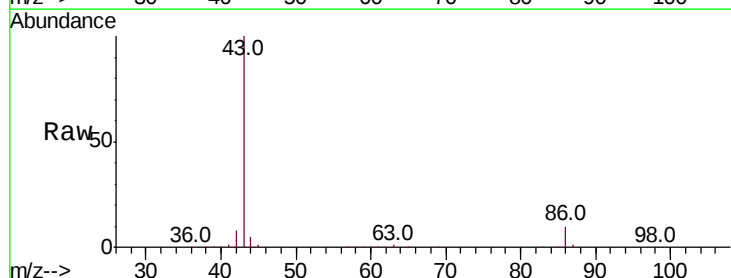
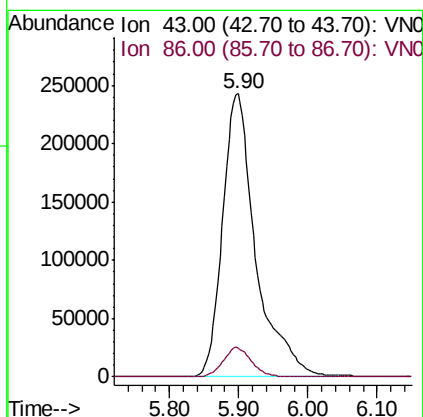
RT: 5.90 min Scan# 1283

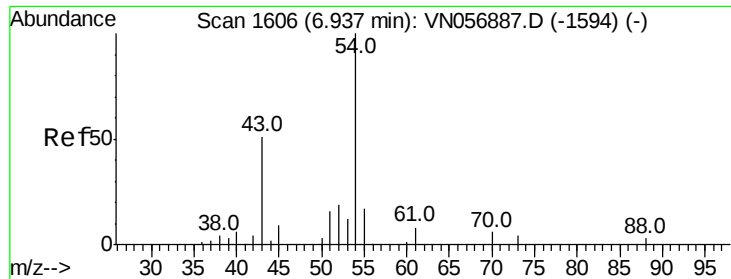
Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	43	Resp:	812472
Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.4	11.2





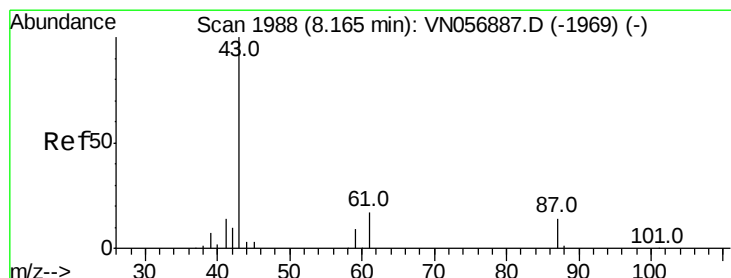
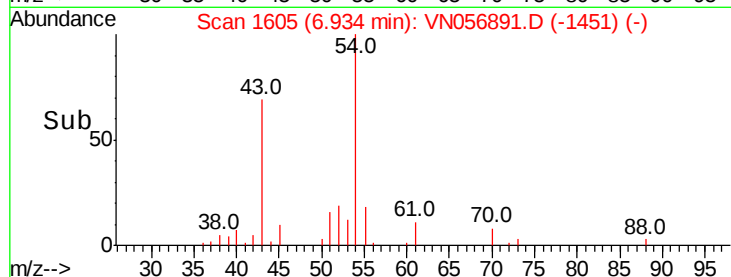
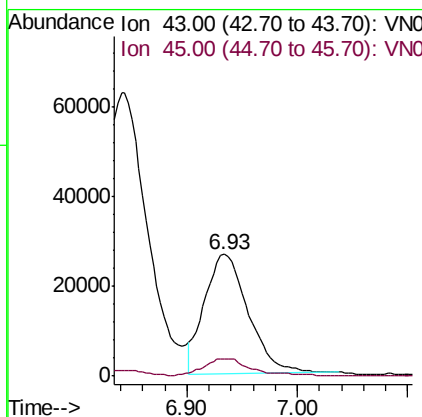
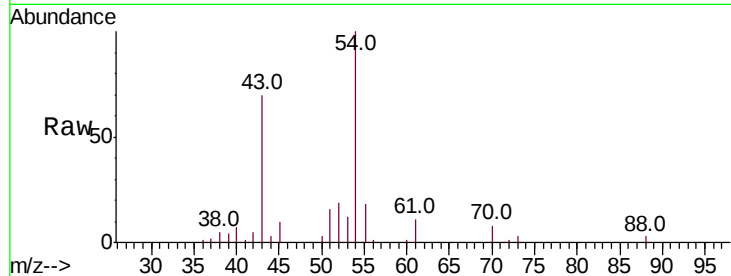
#43
Ethyl Acetate
Concen: 19.525 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion: 43 Resp: 73308
Ion Ratio Lower Upper
43 100
45 7.7 10.2 15.2#

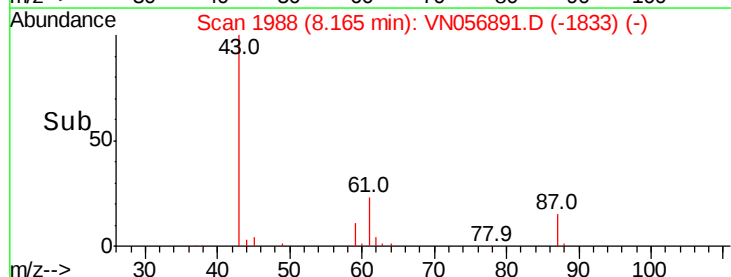
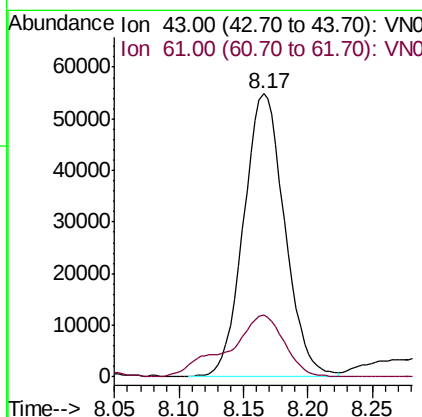
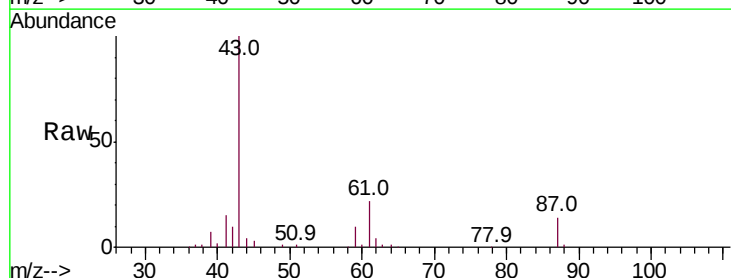
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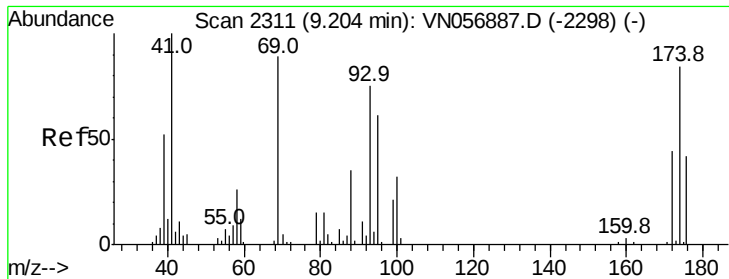
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#44
Isopropyl Acetate
Concen: 19.494 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion: 43 Resp: 122002
Ion Ratio Lower Upper
43 100
61 30.0 23.0 34.4





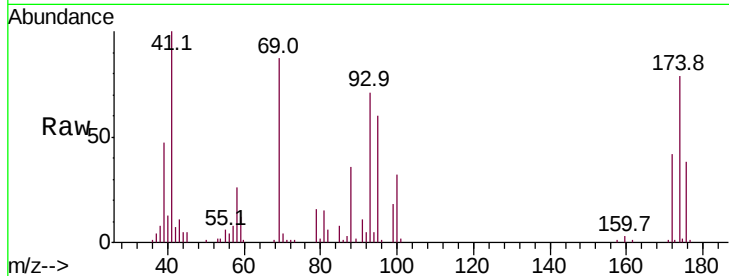
#45
 1,4-Dioxane
 Concen: 422.762 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

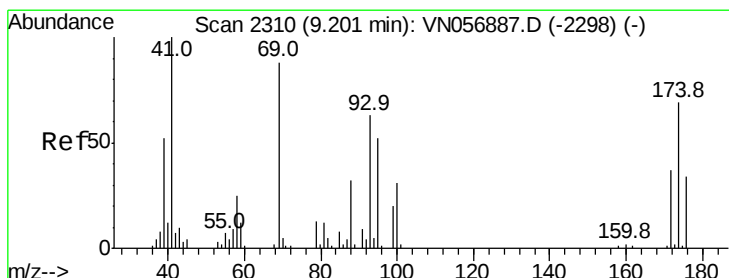
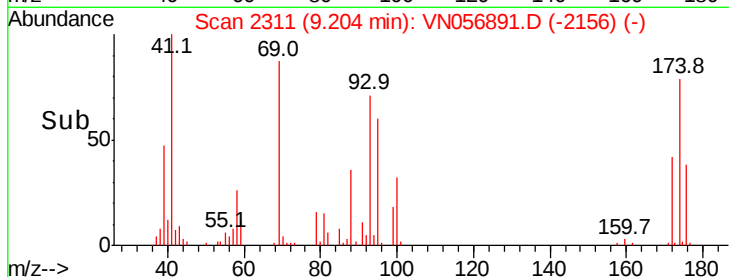
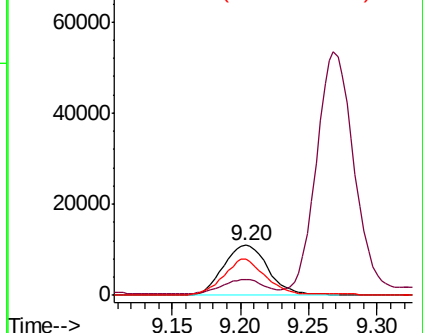
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.2	23.4	35.0
58	67.4	58.5	87.7

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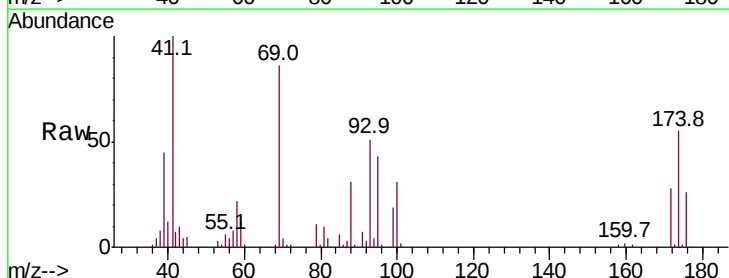


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

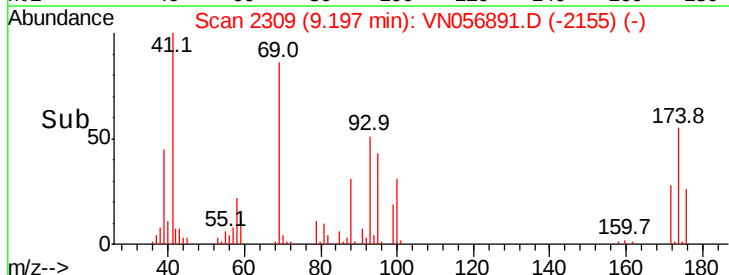
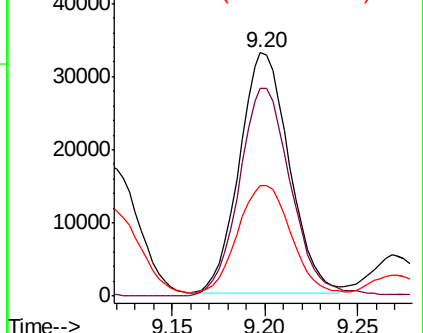


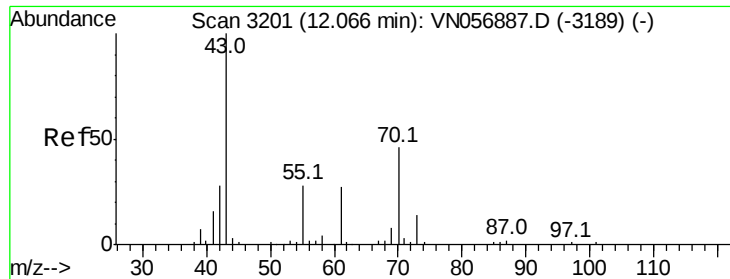
#46
 Methyl methacrylate
 Concen: 19.712 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.8	44.0	132.0
39	44.6	25.8	77.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





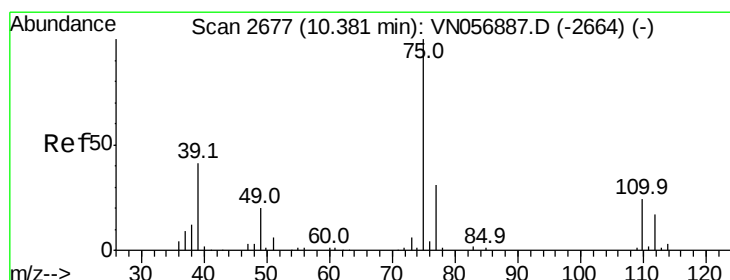
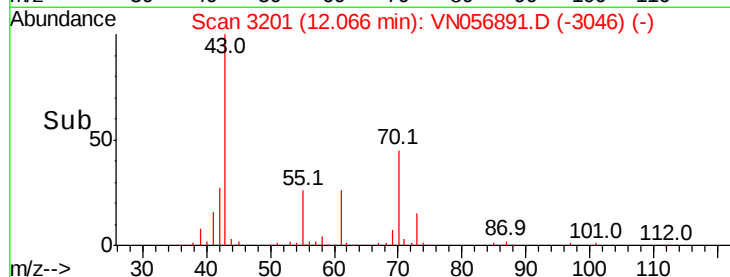
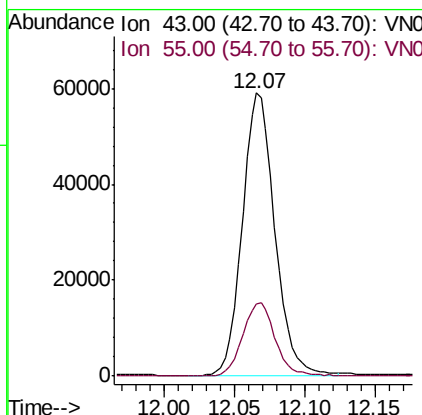
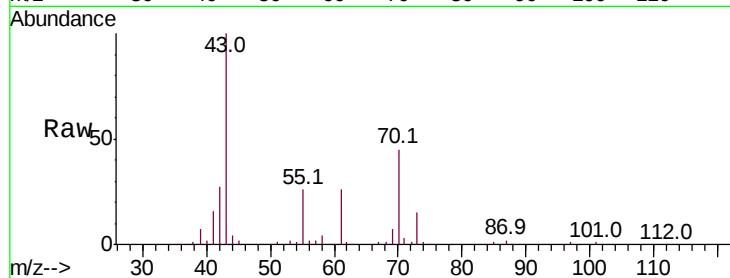
#47
n-amvl Acetate
Concen: 19.128 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
43	100		
55	25.7	21.3	31.9

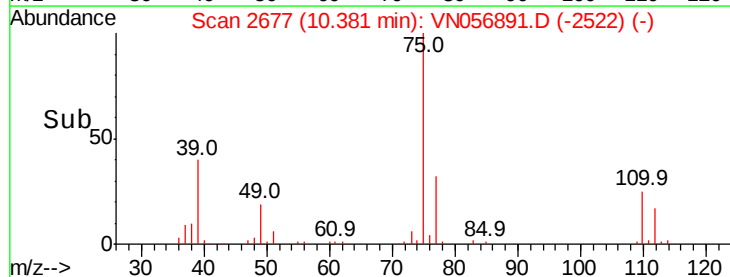
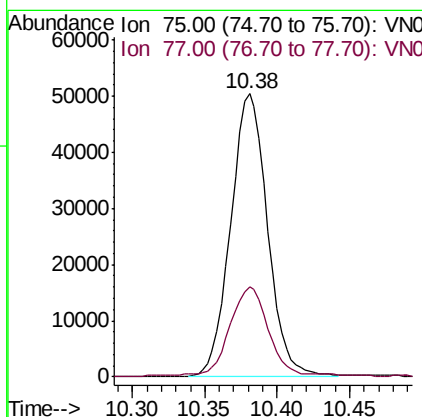
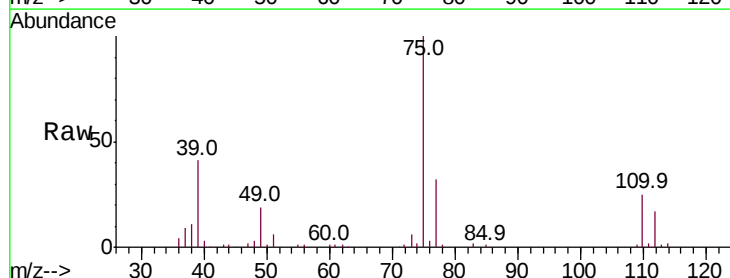
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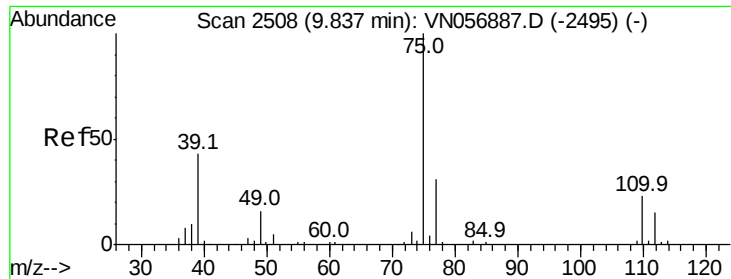
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#48
t-1,3-Dichloropropene
Concen: 18.943 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0





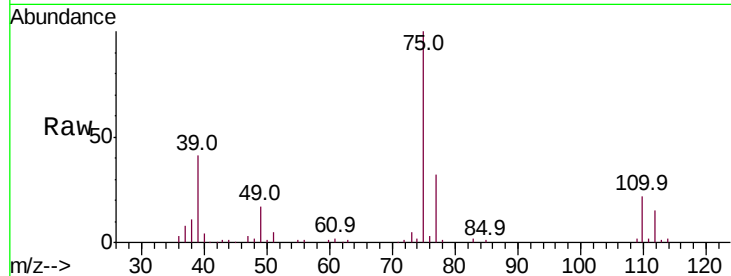
#49
 cis-1,3-Dichloropropene
 Concen: 19.123 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6
39	41.5	34.2	51.4

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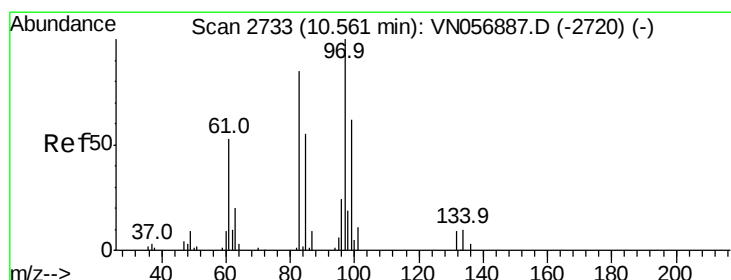
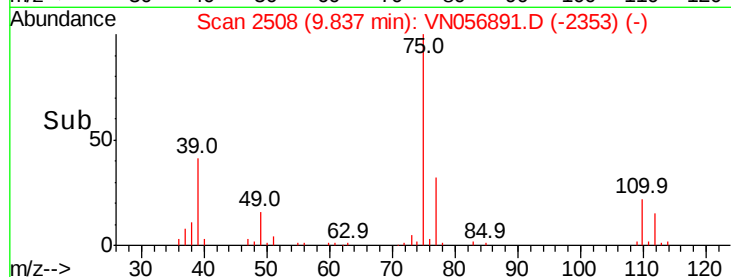
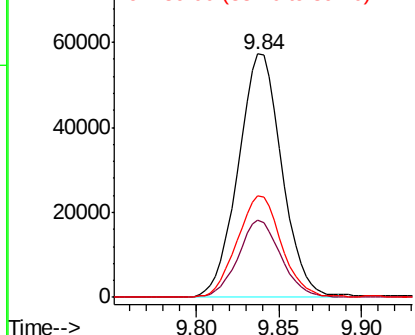


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



#50
 1,1,2-Trichloroethane
 Concen: 19.757 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.4	102.6
85	59.7	44.3	66.5
99	64.6	49.4	74.2

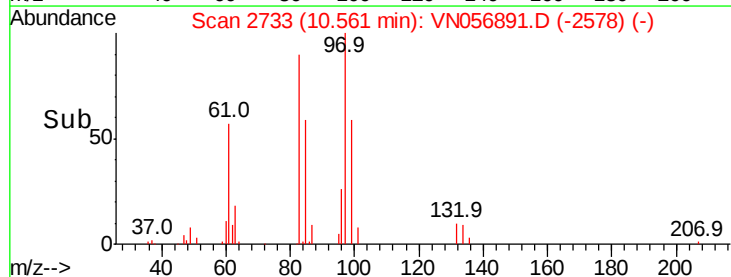
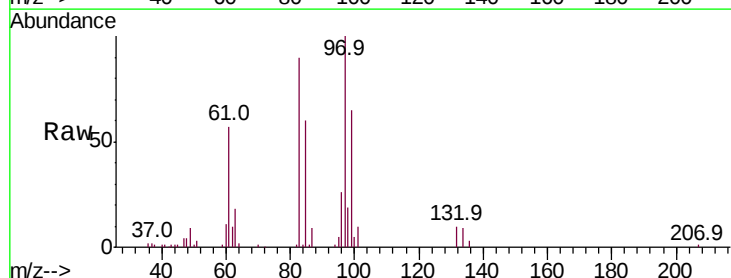
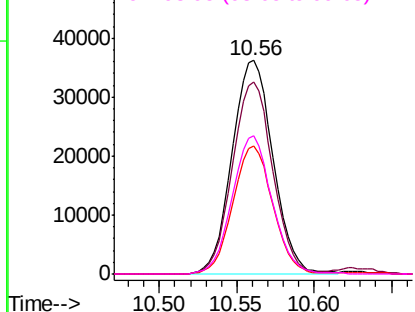
Abundance

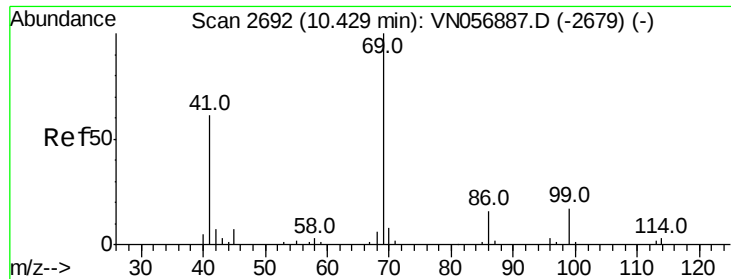
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 19.650 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

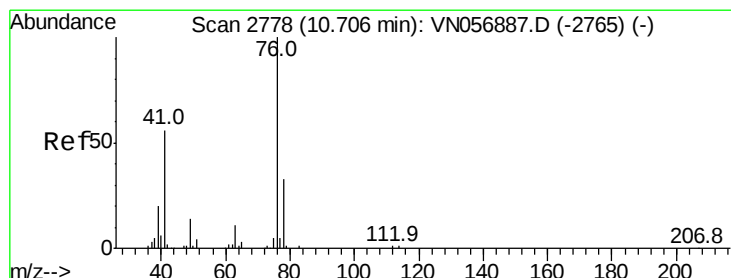
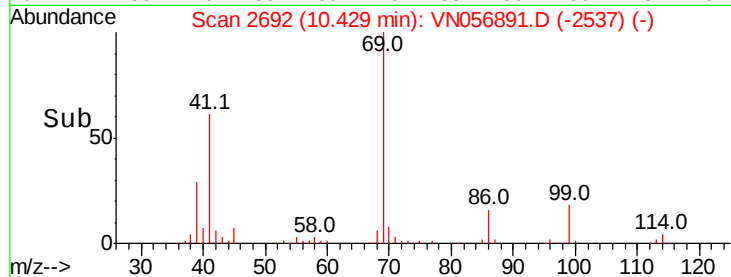
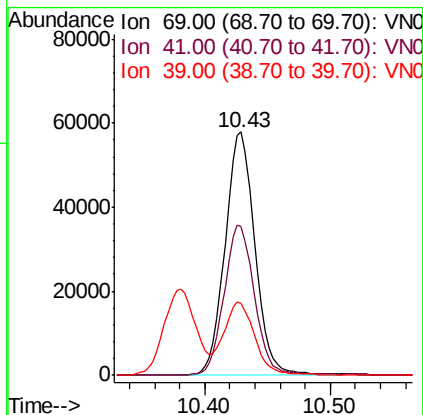
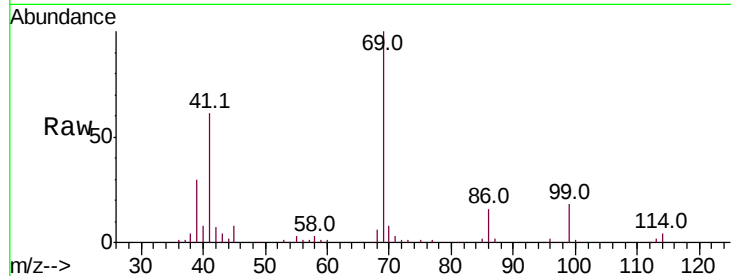
ClientSampleId :

ICVVN072419

Tot Ion:	69	Resp:	95978
Ion Ratio	Lower	Upper	
69	100		
41	60.7	30.4	91.3
39	29.1	14.2	42.6

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#52

1,3-Dichloropropane

Concen: 19.741 ug/l

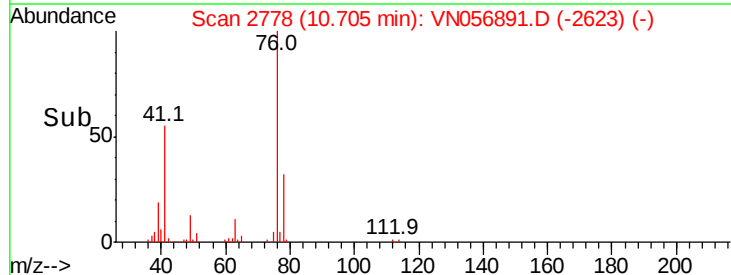
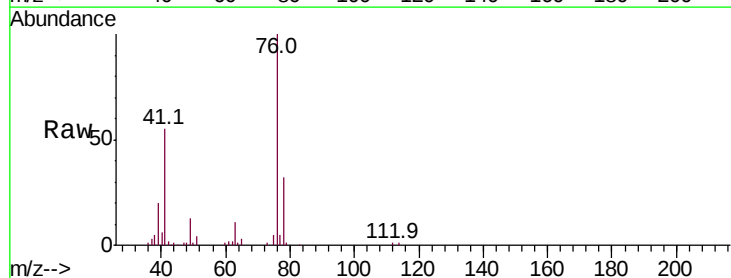
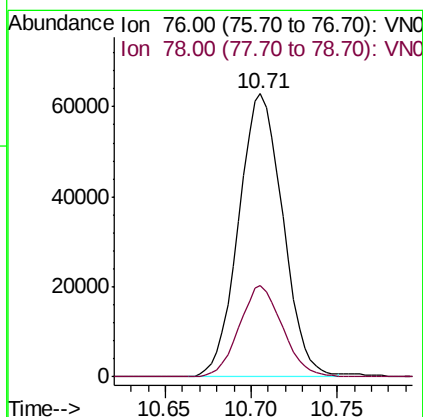
RT: 10.71 min Scan# 2778

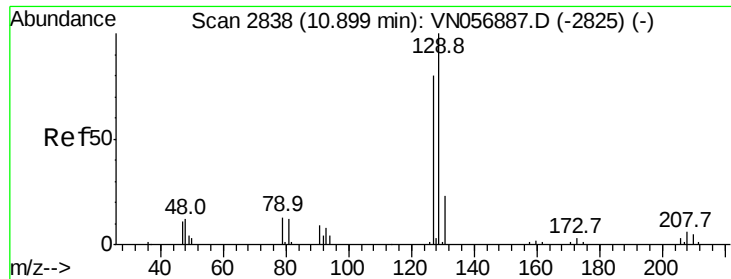
Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	76	Resp:	112504
Ion Ratio	Lower	Upper	
76	100		
78	31.6	0.0	64.2





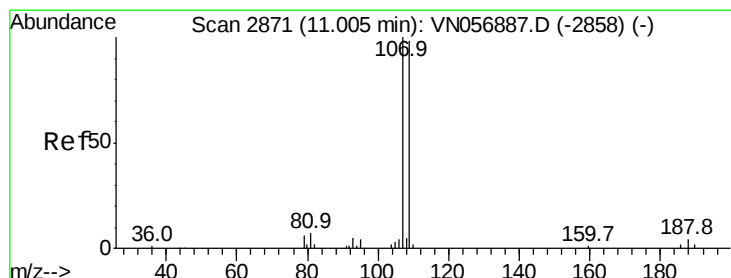
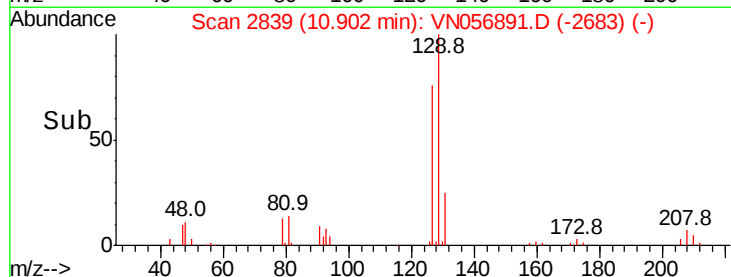
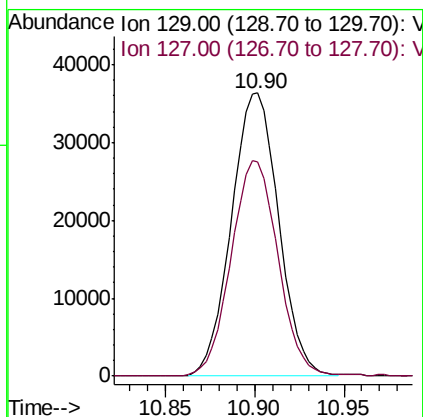
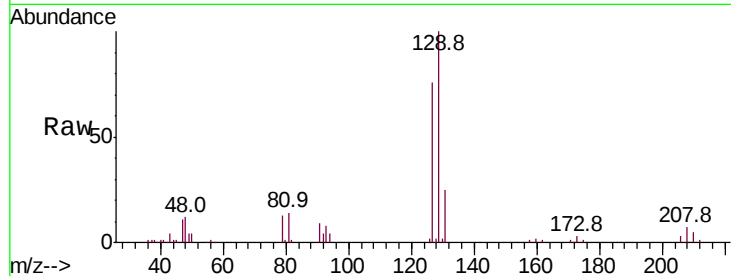
#53
Dibromochloromethane
Concen: 19.116 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion:129 Resp: 67100
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.4

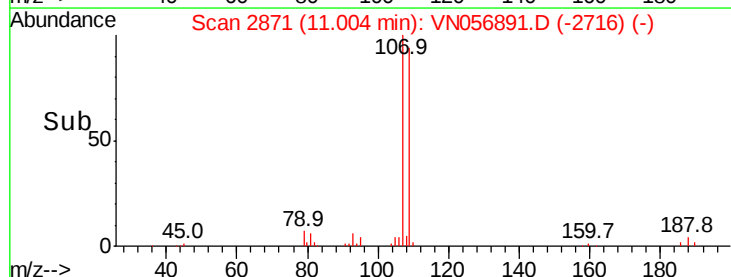
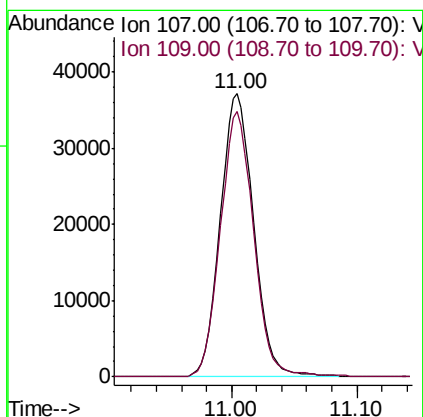
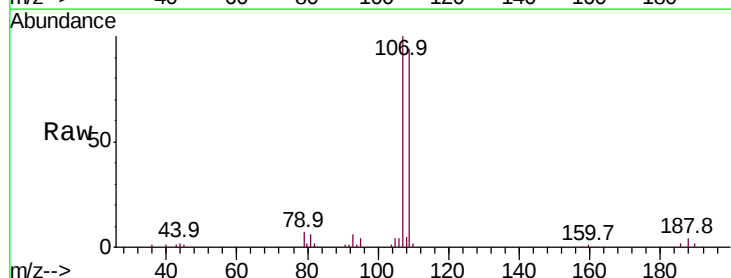
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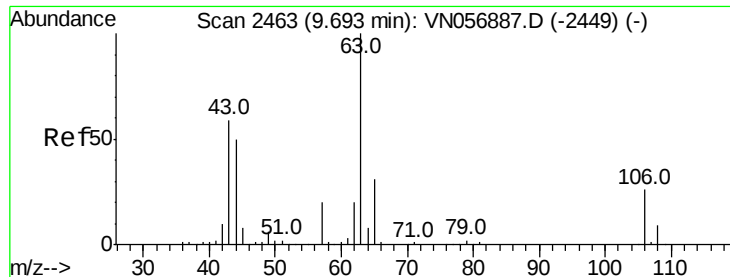
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#54
1,2-Dibromoethane
Concen: 19.907 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion:107 Resp: 68581
Ion Ratio Lower Upper
107 100
109 92.7 76.2 114.2





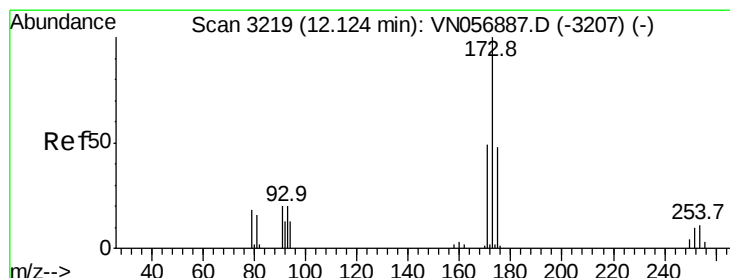
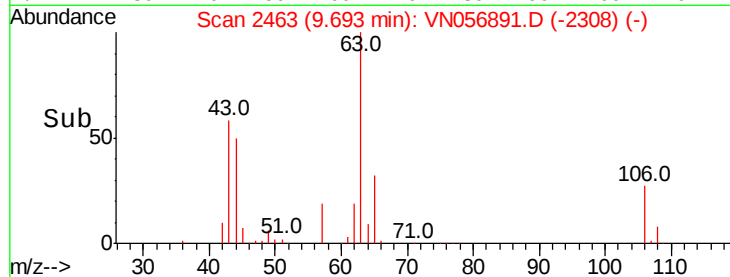
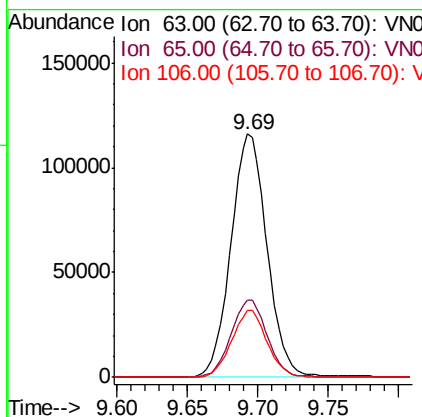
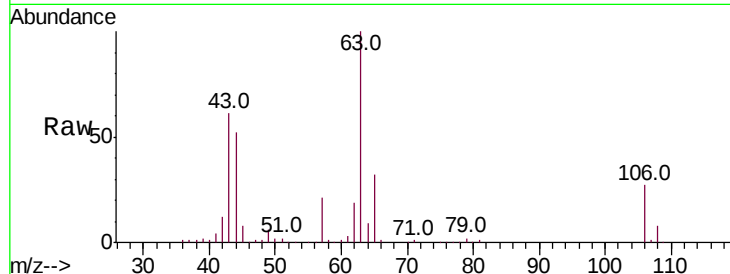
#55
2-Chloroethyl vinyl ether
Concen: 98.530 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.1	37.7
106	26.9	21.5	32.3

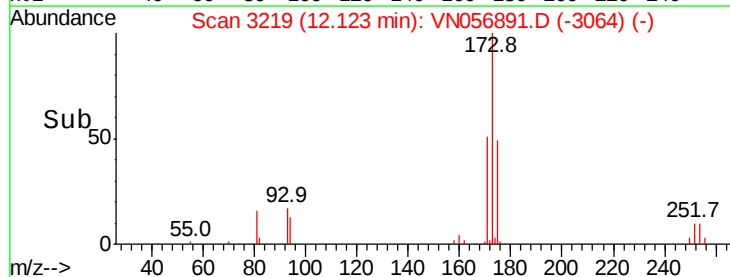
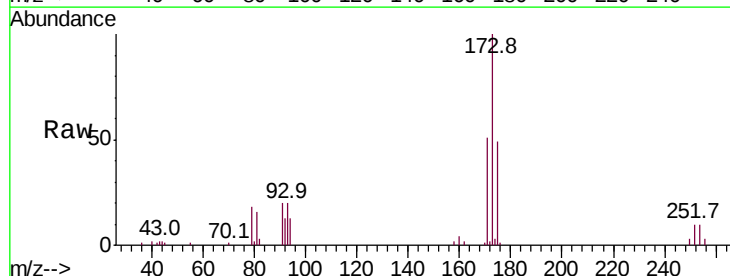
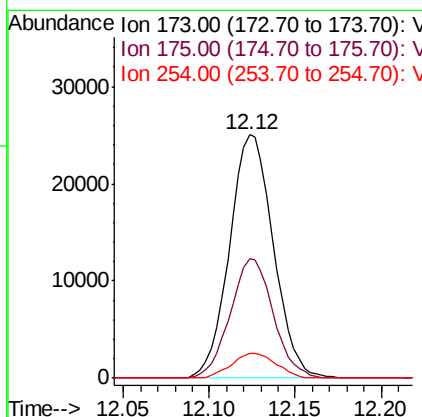
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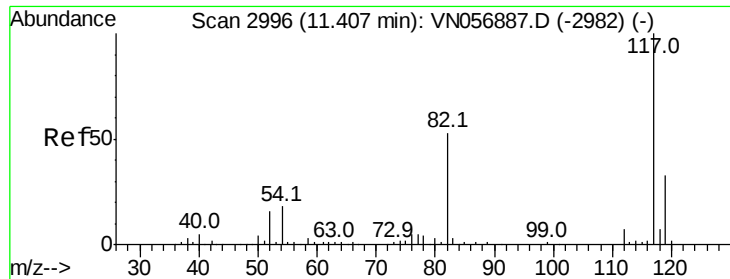
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#56
Bromoform
Concen: 18.323 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.8	58.2
254	10.2	8.1	12.1





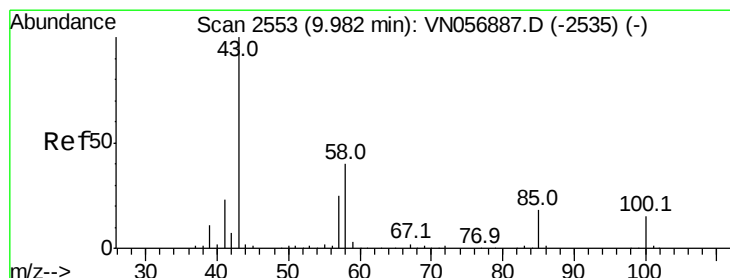
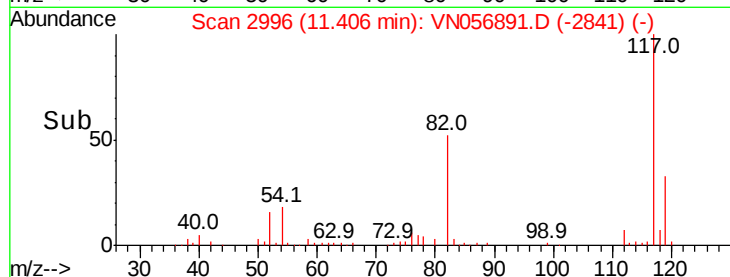
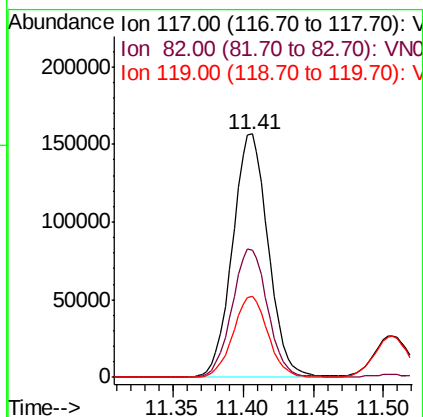
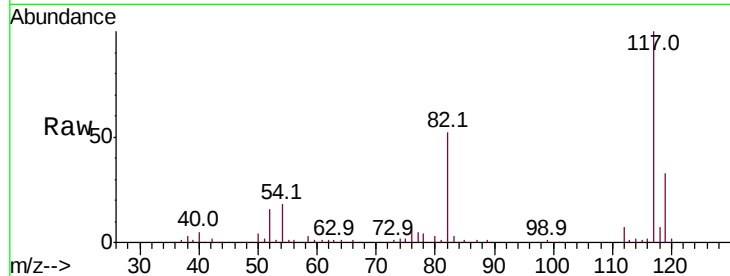
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	32.5	26.2	39.2

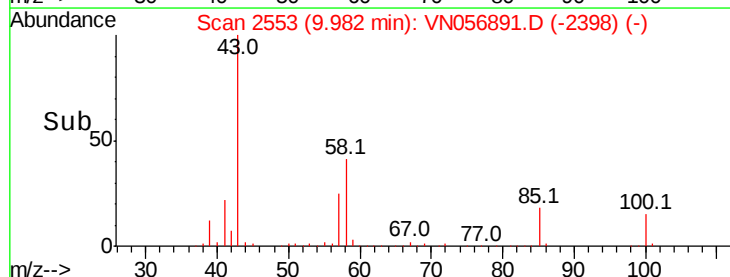
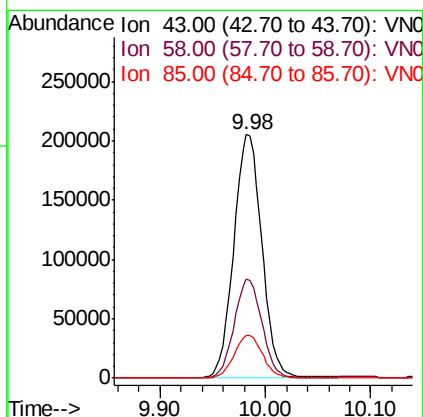
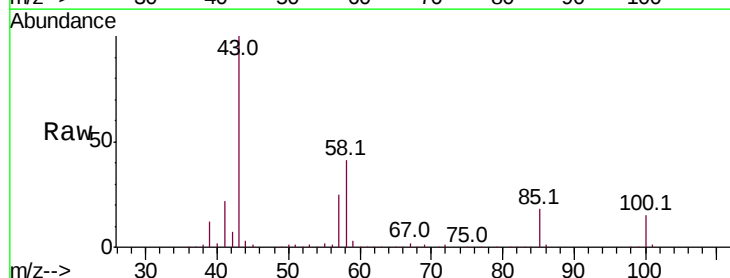
Manual Integrations
APPROVED

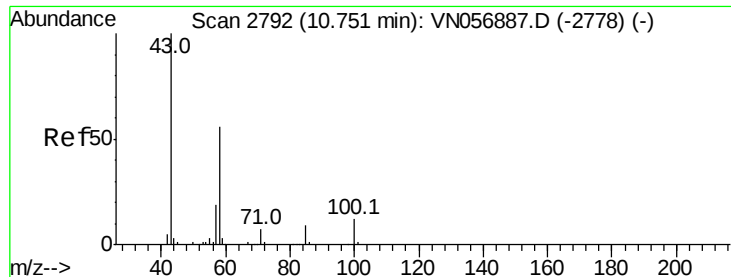
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 101.205 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.7	47.5
85	17.8	14.5	21.7





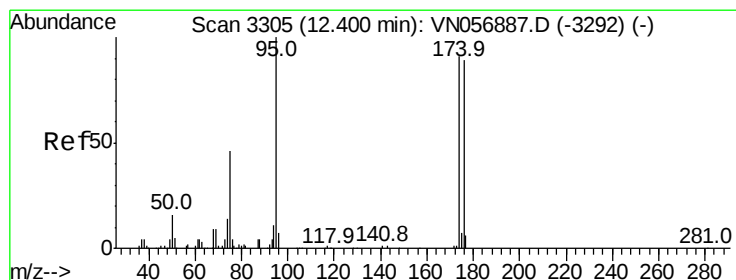
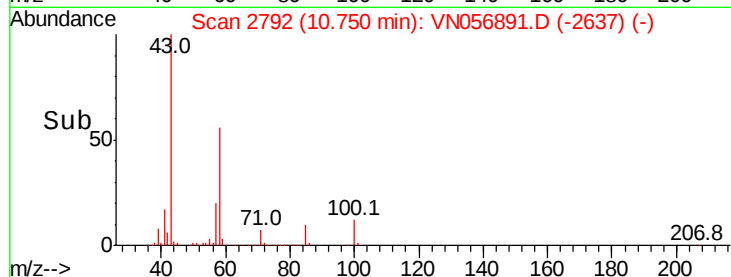
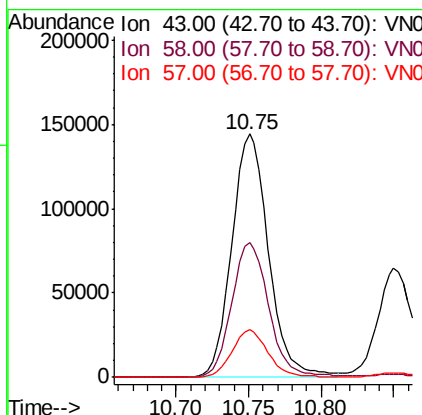
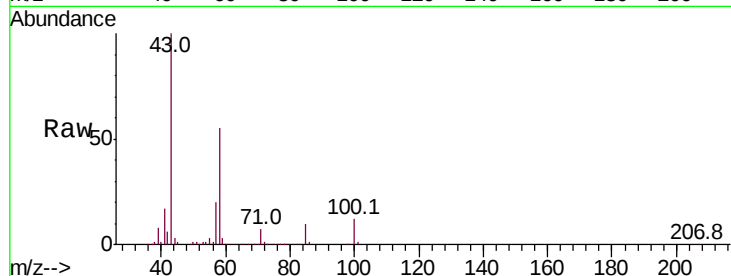
#59
2-Hexanone
Concen: 99.468 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.0	67.4
57	19.2	15.4	23.0

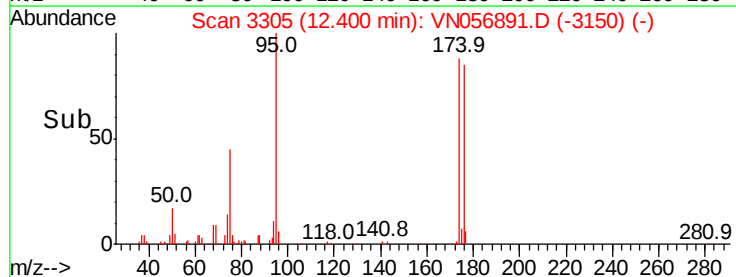
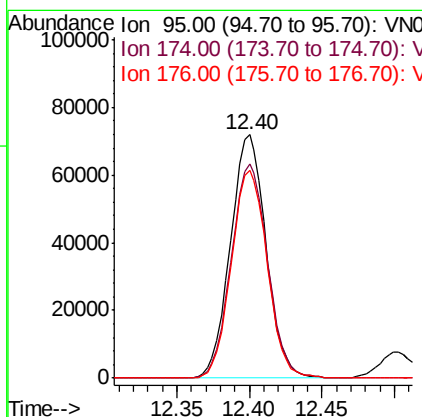
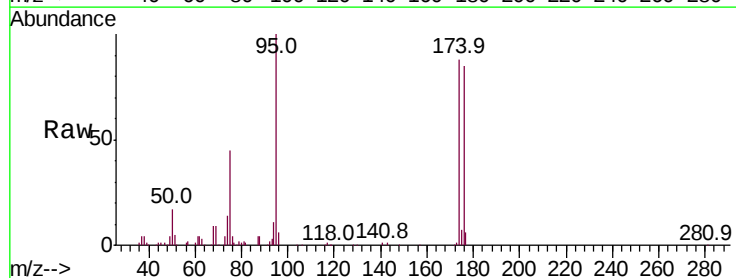
Manual Integrations
APPROVED

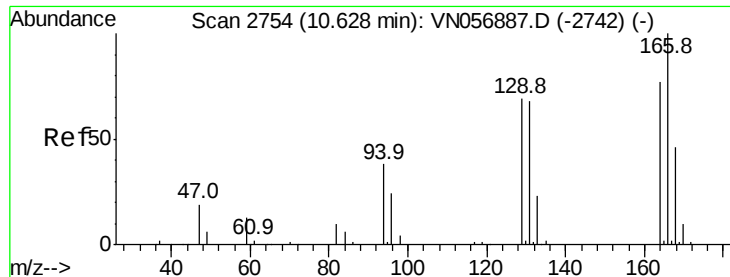
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#60
4-Bromofluorobenzene
Concen: 29.447 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.3	71.9	107.9
176	85.7	69.8	104.8





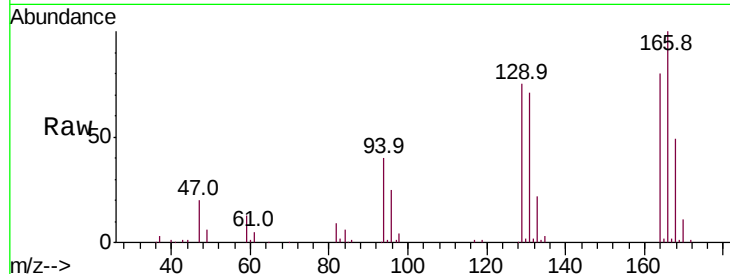
#61
Tetrachloroethene
Concen: 19.276 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.2	103.9	155.9
129	93.8	72.4	108.6
131	88.2	70.3	105.5

Manual Integrations
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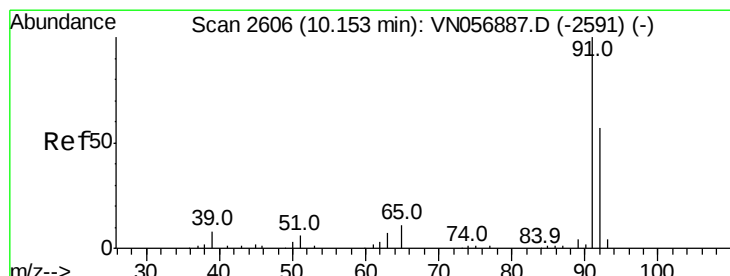
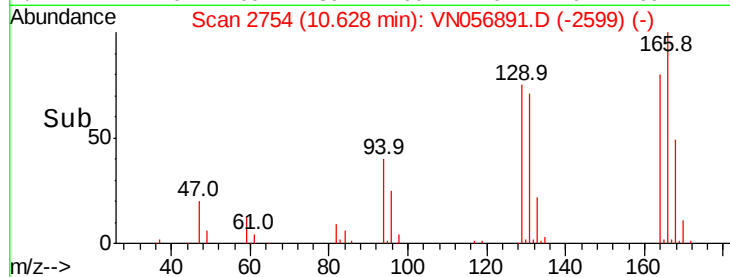
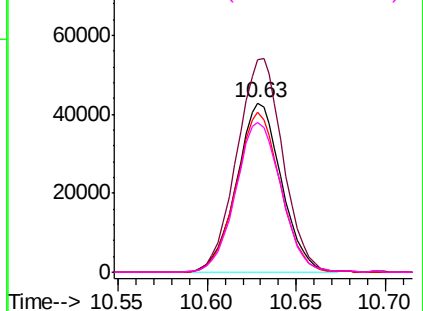
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

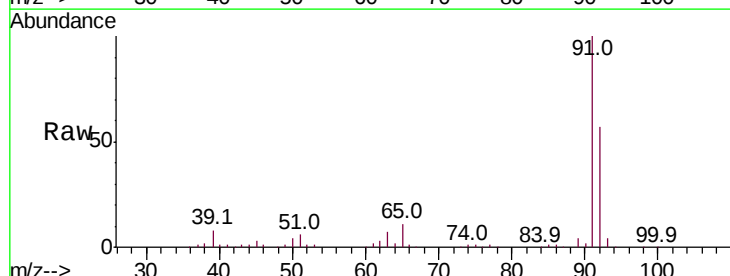
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 19.981 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

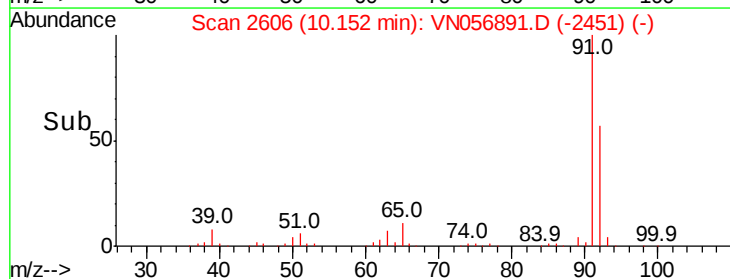
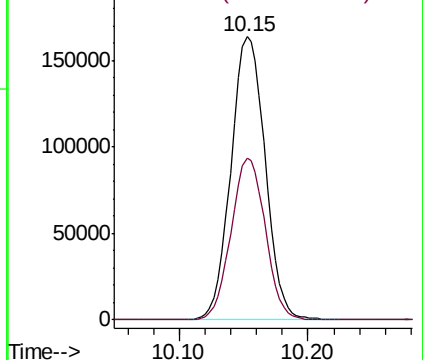
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.1	69.1

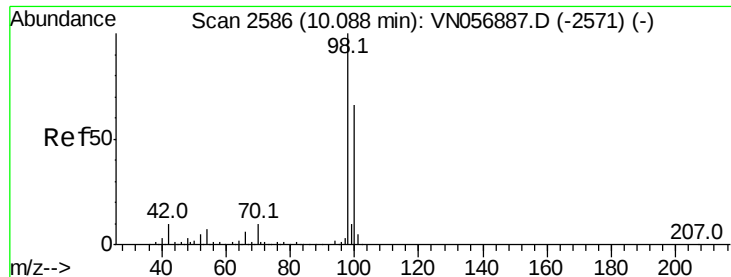


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





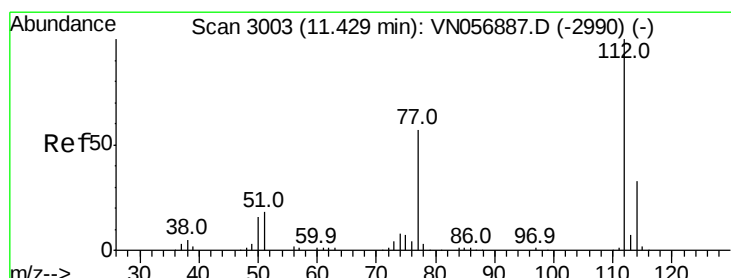
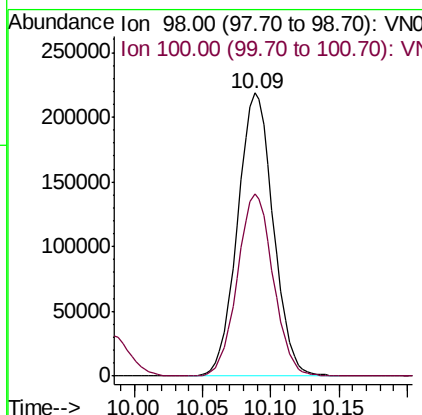
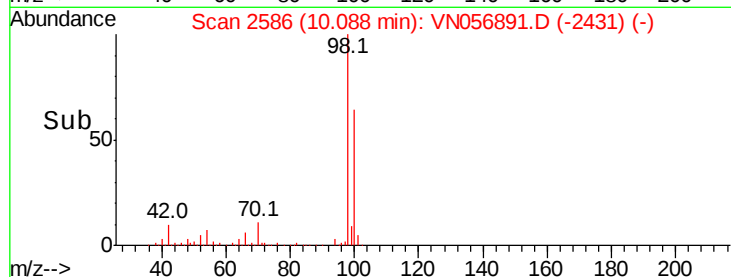
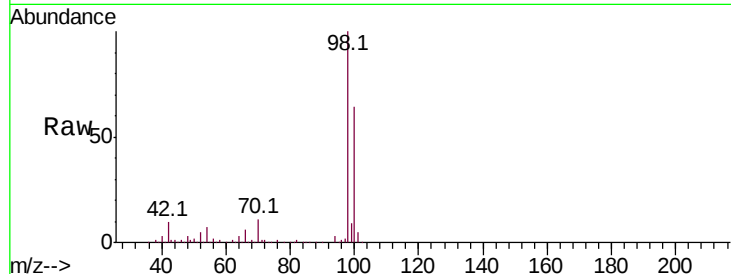
#63
Toluene-d8
Concen: 30.250 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2

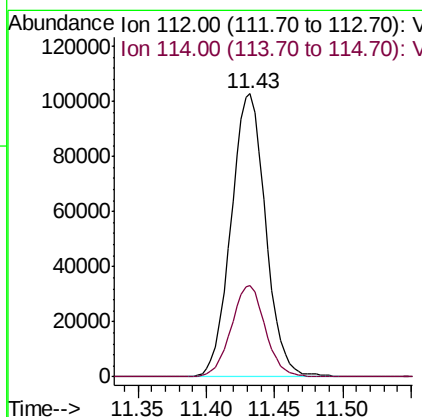
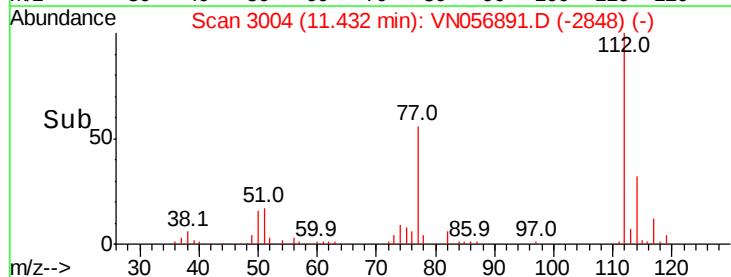
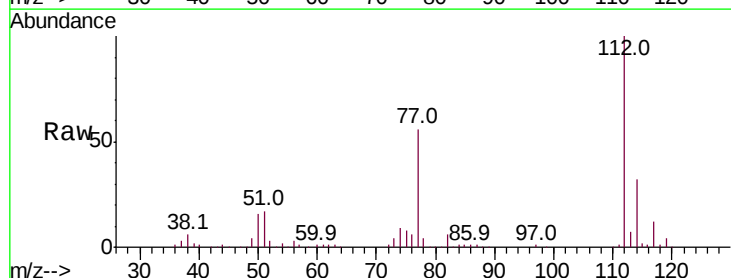
Manual Integrations
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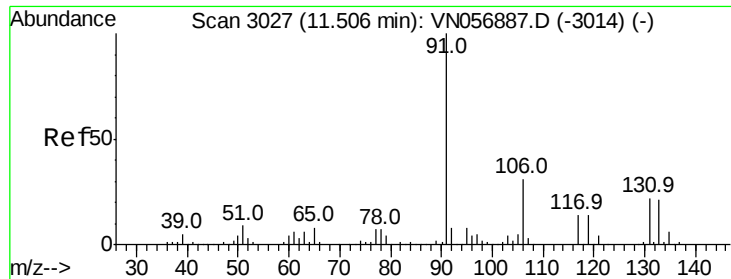
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#64
Chlorobenzene
Concen: 19.871 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.7	40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 19.479 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

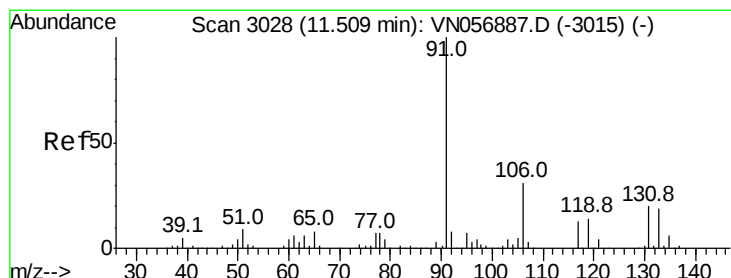
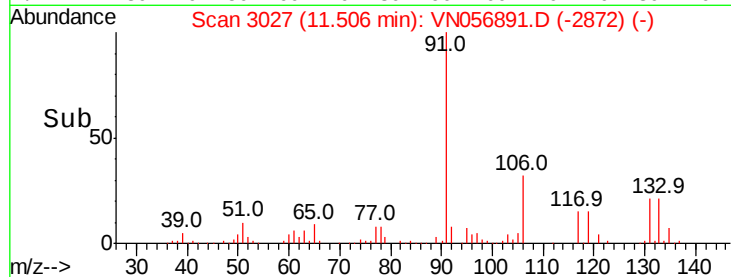
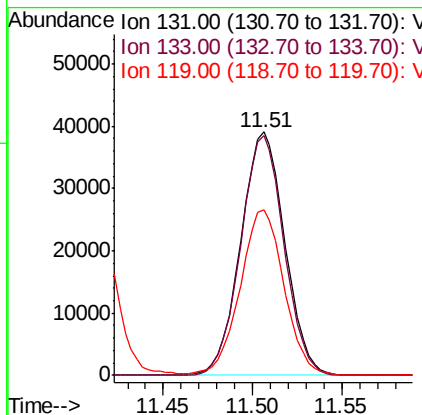
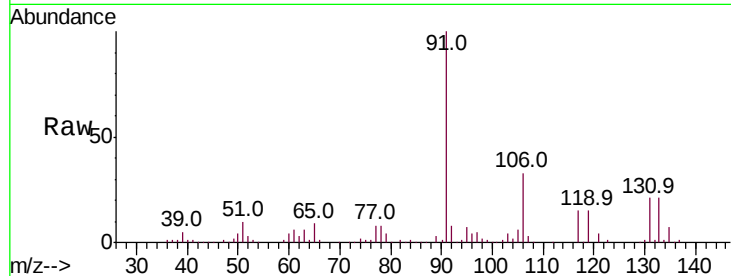
ClientSampled :

ICVVN072419

Tot Ion:	131	Resp:	67222
Ion	Ratio	Lower	Upper
131	100		
133	96.8	0.0	189.6
119	67.9	0.0	133.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.653 ug/l

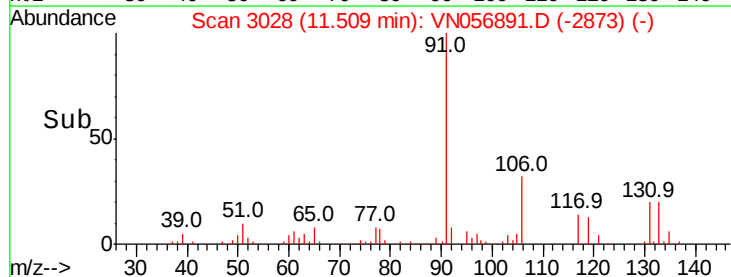
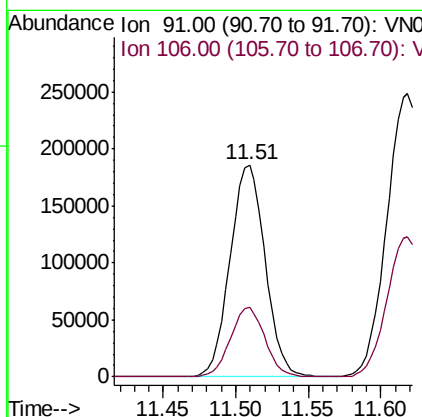
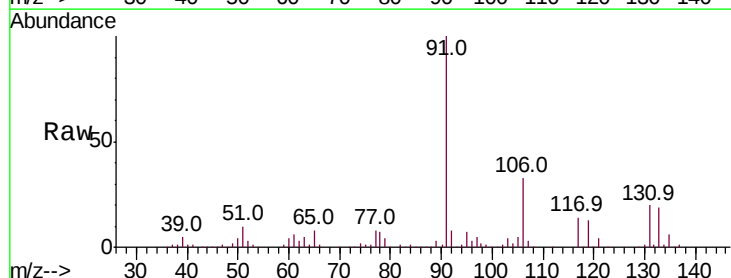
RT: 11.51 min Scan# 3028

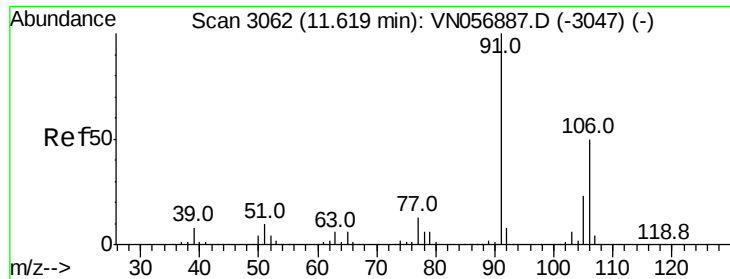
Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	91	Resp:	313256
Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.9	37.3





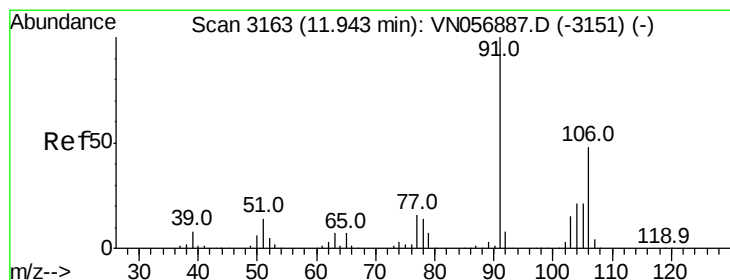
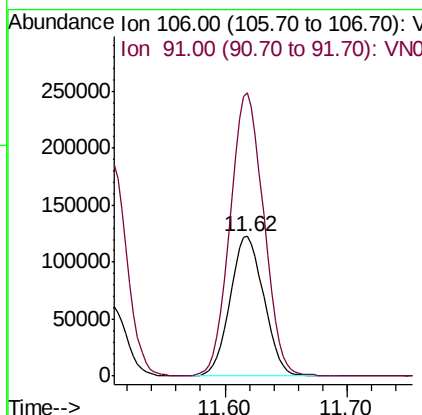
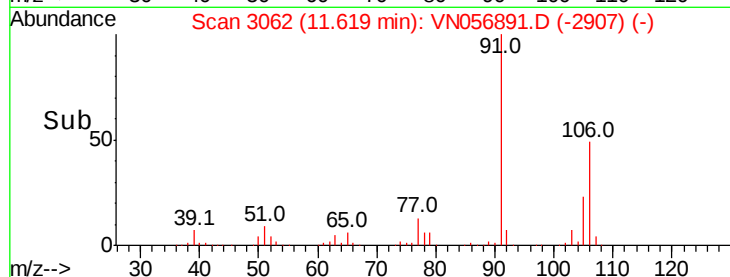
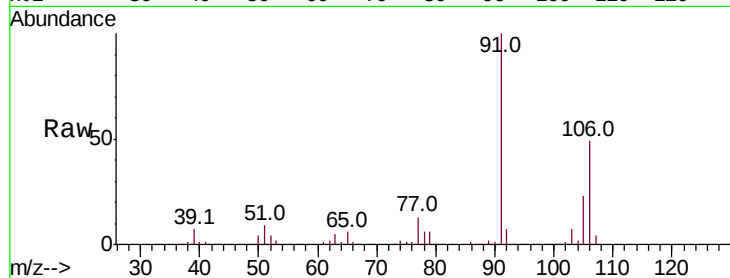
#67
m/p-Xylenes
Concen: 39.832 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion:106 Resp: 236751
Ion Ratio Lower Upper
106 100
91 200.6 160.6 240.8

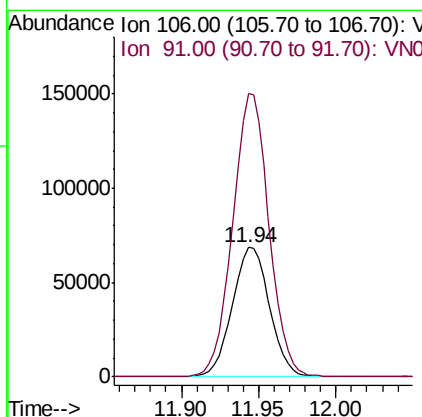
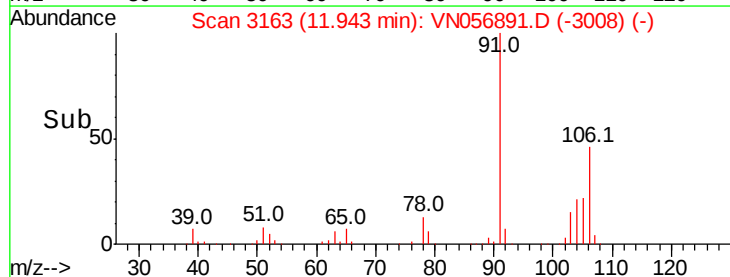
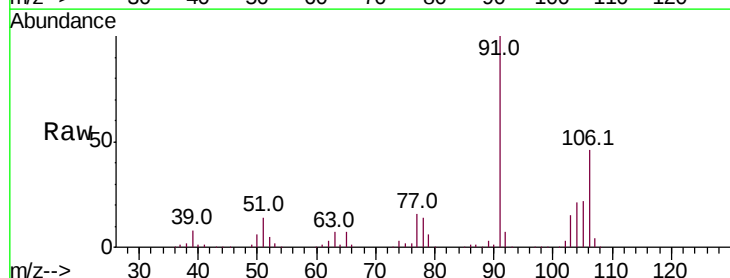
Manual Integrations
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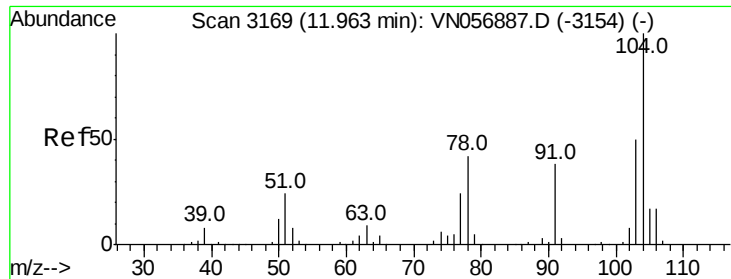
MMDadoda
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#68
o-Xylene
Concen: 19.621 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion:106 Resp: 114662
Ion Ratio Lower Upper
106 100
91 212.7 106.2 318.6





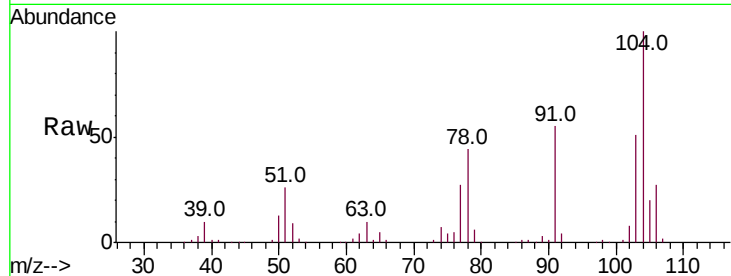
#69
Stvrene
Concen: 19.546 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampled :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.5	57.7
103	55.8	44.7	67.1

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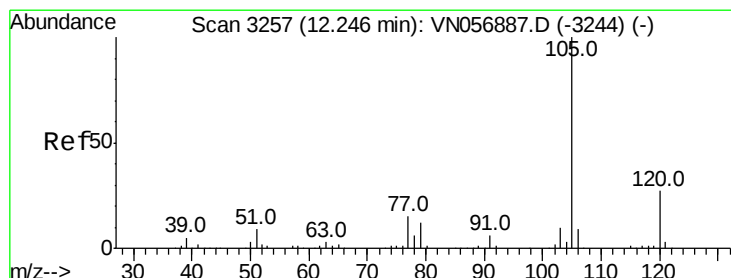
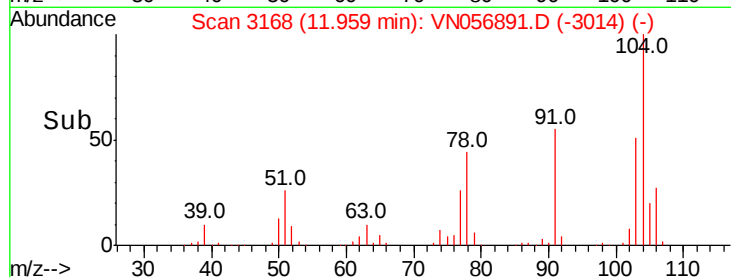
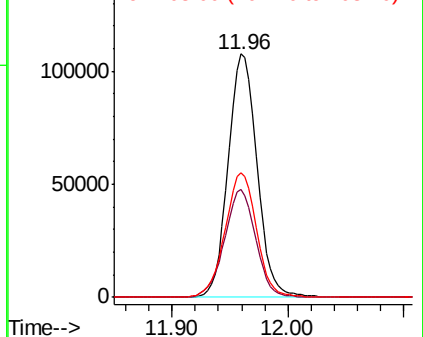


Abundance

Ion 104.00 (103.70 to 104.70): V

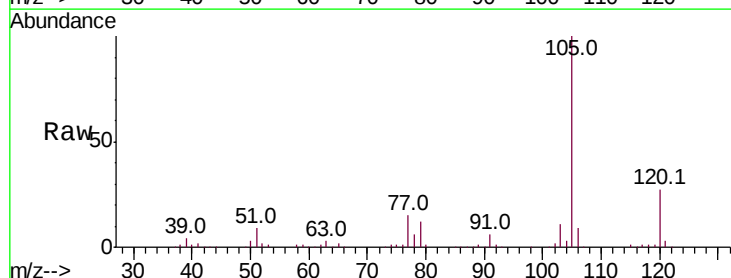
Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70
Isopropylbenzene
Concen: 19.967 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

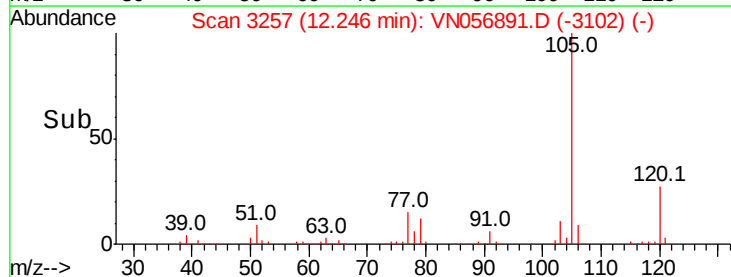
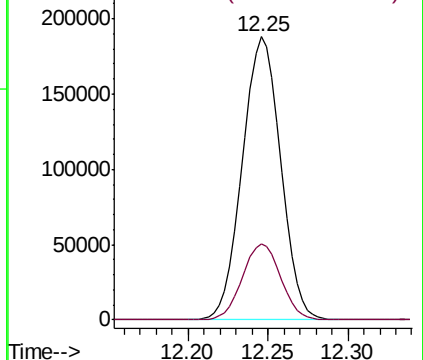
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.7	34.7

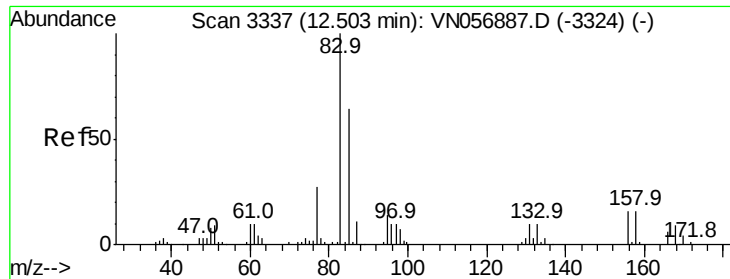


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.163 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

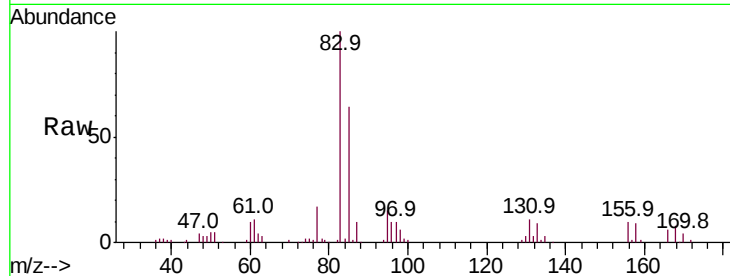
ClientSampleId :

ICVVN072419

Tot Ion:	83	Resp:	86898
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.2
85	65.4	31.8	95.4

Manual Integrations
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Abundance Ion 83.00 (82.70 to 83.70): VN056887.D (-3324) (-)

Ion 131.00 (130.70 to 131.70): VN056887.D (-3324) (-)

Ion 85.00 (84.70 to 85.70): VN056887.D (-3324) (-)

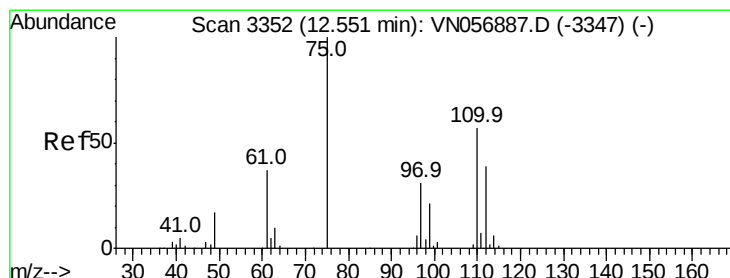
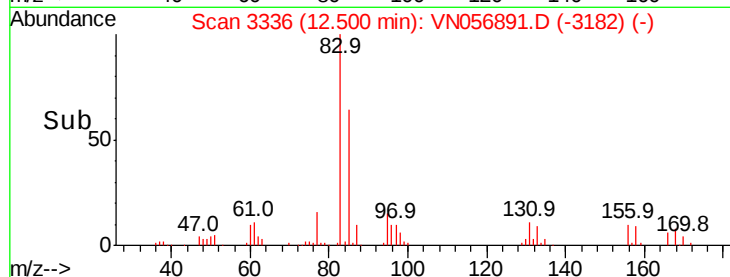
12.50

40000

20000

0

Time-->



#72

1,2,3-Trichloropropane

Concen: 18.230 ug/l m

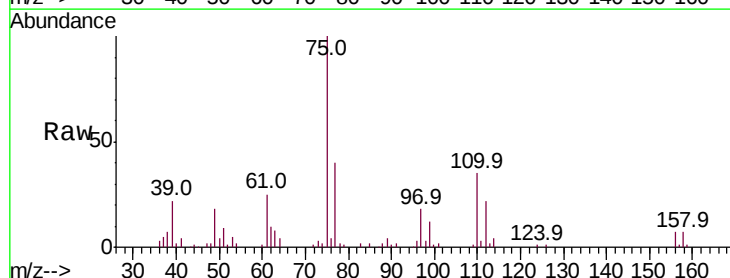
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	75	Resp:	69126
Ion Ratio	Lower	Upper	
75	100		
77	205.9	0.0	378.6



Abundance Ion 75.00 (74.70 to 75.70): VN056887.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056887.D (-3347) (-)

80000

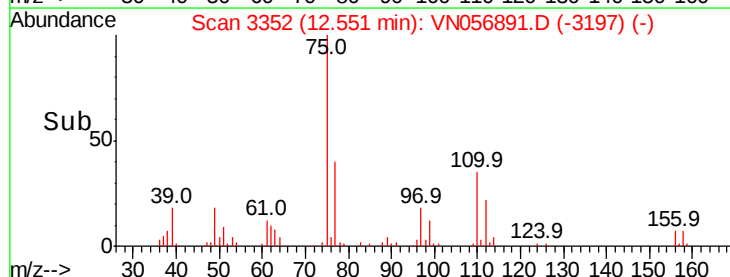
60000

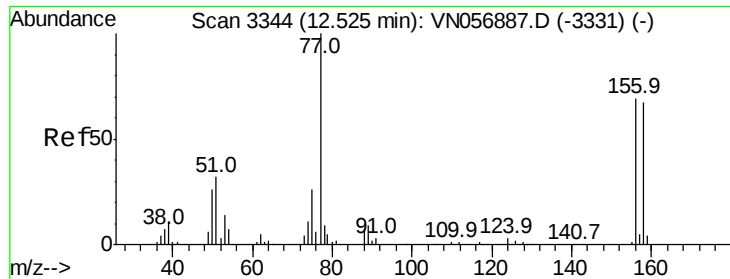
40000

20000

0

Time-->





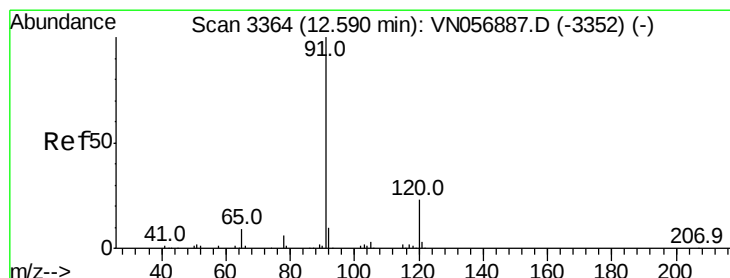
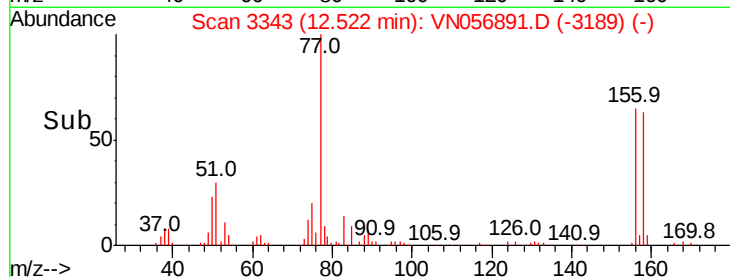
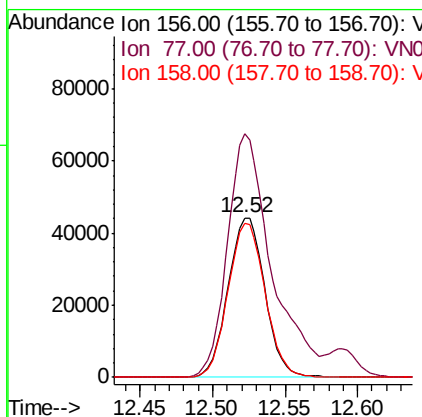
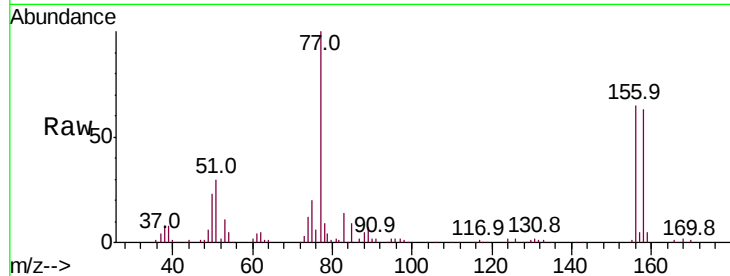
#73
Bromobenzene
Concen: 19.666 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.3	0.0	364.6
158	97.1	0.0	196.2

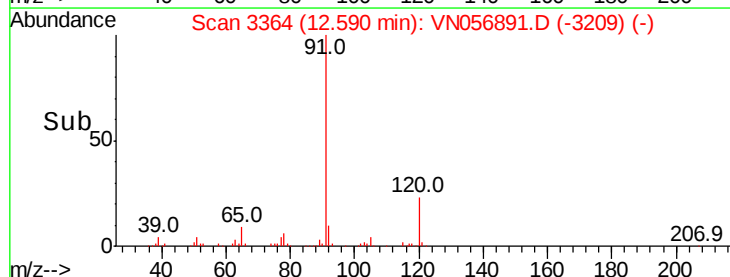
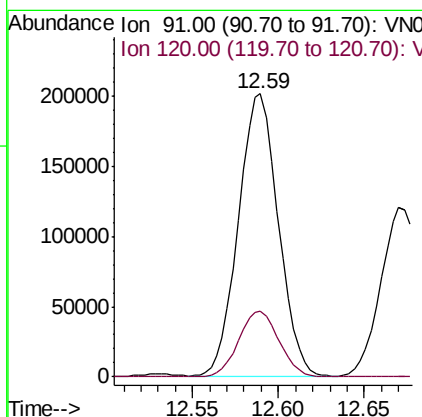
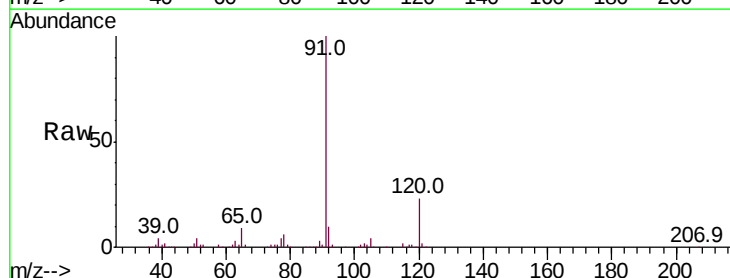
Manual Integrations
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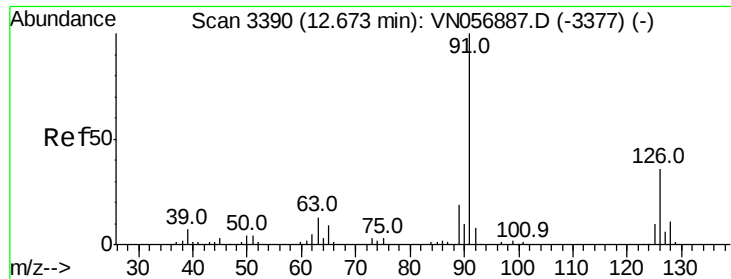
MMDadoda
7/25/2019 2:20:16 PM



#74
n-propylbenzene
Concen: 19.359 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	46.4





#75

2-Chlorotoluene

Concen: 19.886 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

ClientSampled :

ICVVN072419

Tot Ion: 91 Resp: 202843

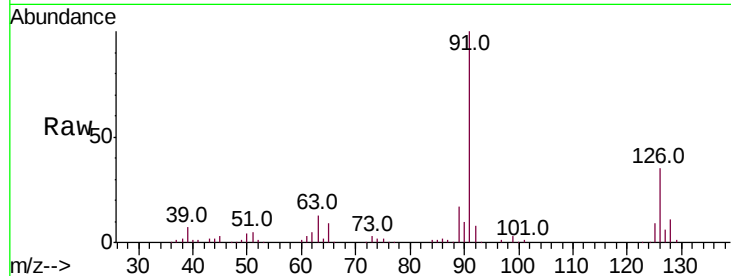
Ion Ratio Lower Upper

91 100

126 35.5 0.0 70.8

Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3377) (-)

Ion 126.00 (125.70 to 126.70): VN056887.D (-3377) (-)

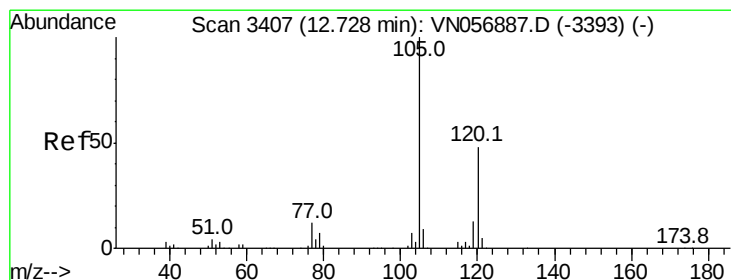
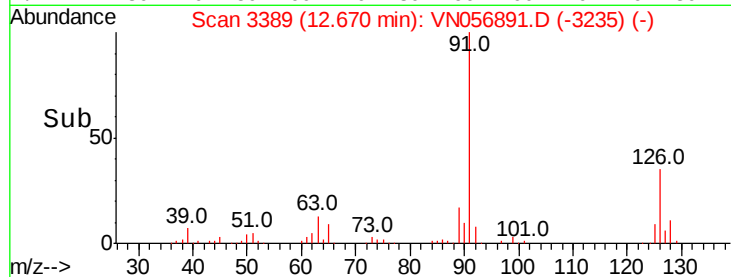
12.67

100000

50000

0

Time--> 12.60 12.65 12.70



#76

1,3,5-Trimethylbenzene

Concen: 20.008 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056891.D

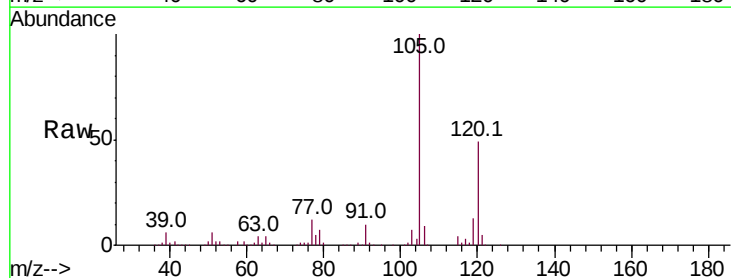
Acq: 23 Jul 2019 21:29

Tgt Ion: 105 Resp: 259173

Ion Ratio Lower Upper

105 100

120 48.8 0.0 97.2



Abundance Ion 105.00 (104.70 to 105.70): VN056887.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056887.D (-3393) (-)

12.73

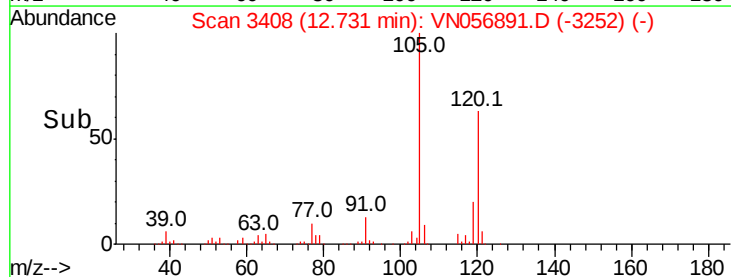
150000

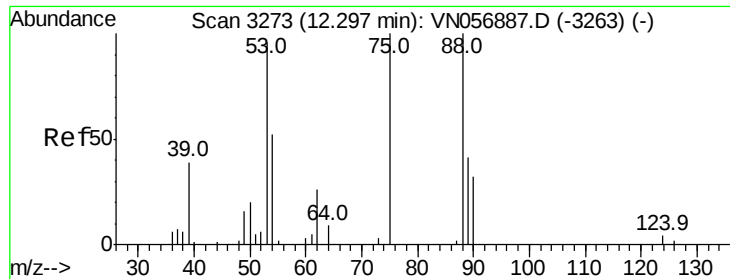
100000

50000

0

Time--> 12.65 12.70 12.75 12.80





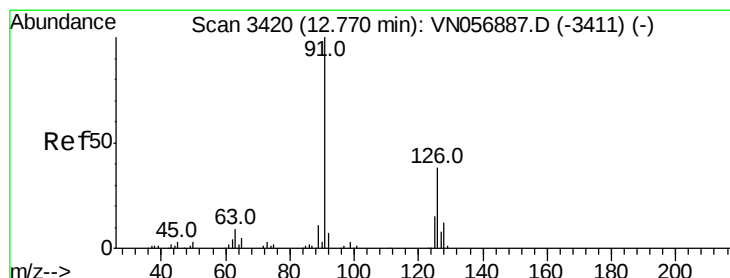
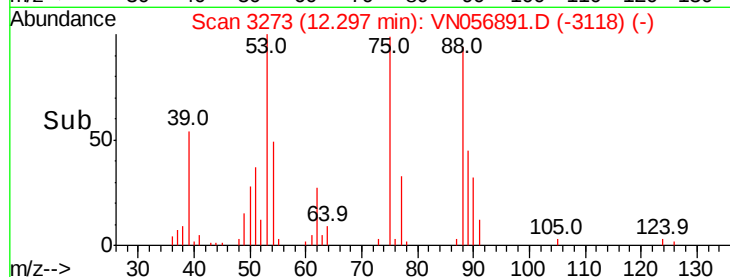
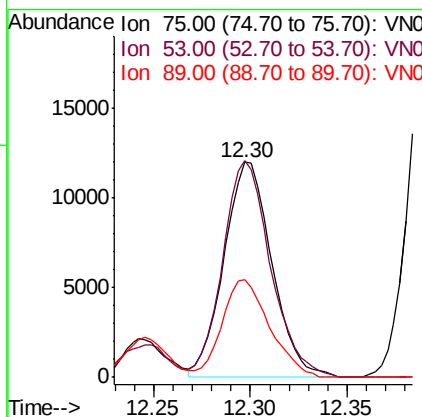
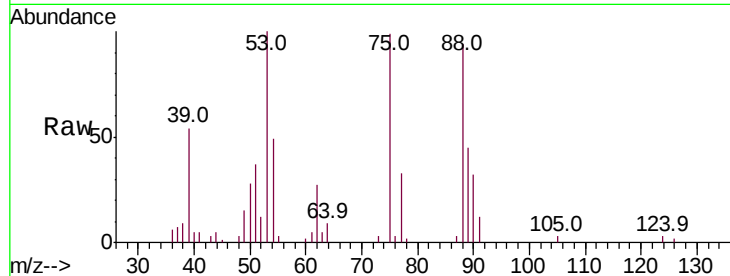
#77
 t-1,4-Dichloro-2-butene
 Concen: 17.421 ug/l
 RT: 12.30 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	48.0	144.0
89	45.3	21.4	64.3

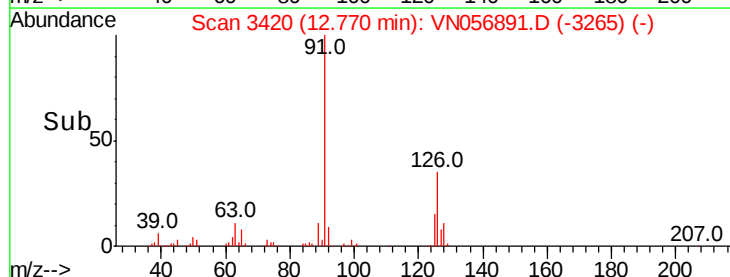
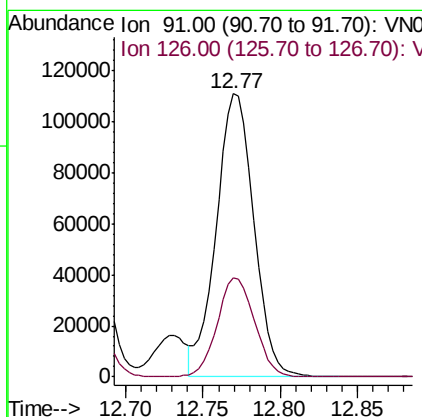
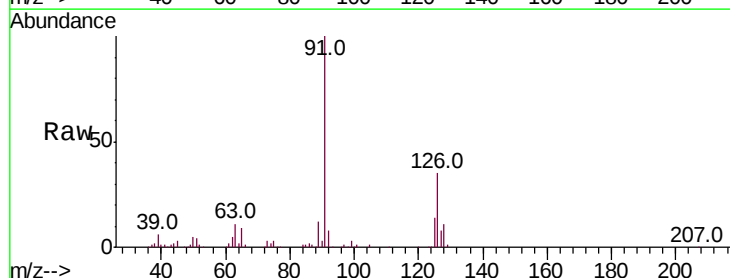
Manual Integrations
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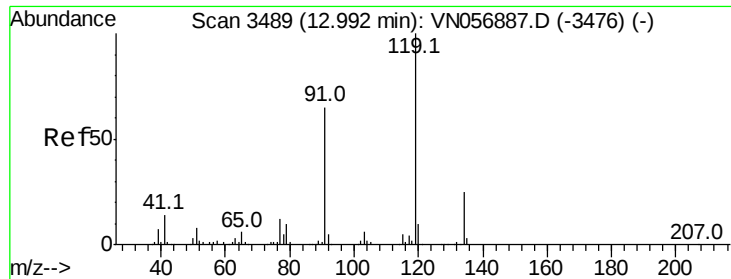
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#78
 4-Chlorotoluene
 Concen: 19.363 ug/l
 RT: 12.77 min Scan# 3420
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	0.0	69.6





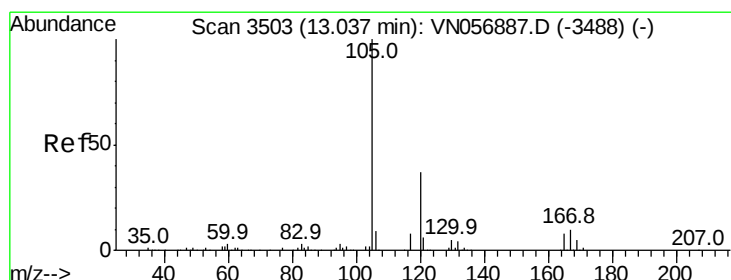
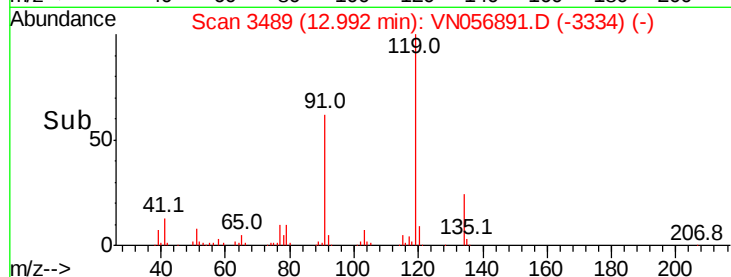
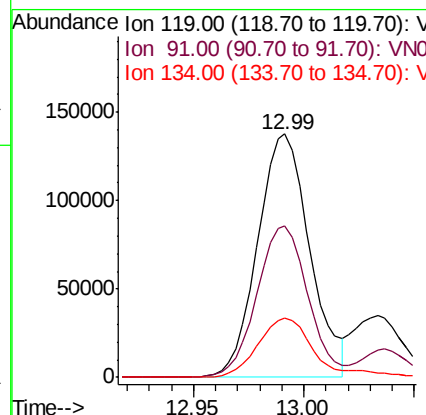
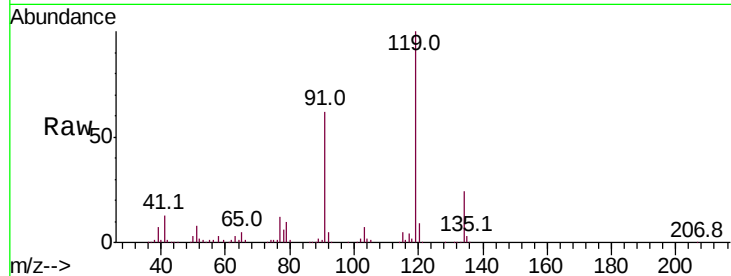
#79
tert-butylbenzene
Concen: 20.182 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225596		
91	60.7	0.0	126.8	
134	24.7	0.0	48.8	

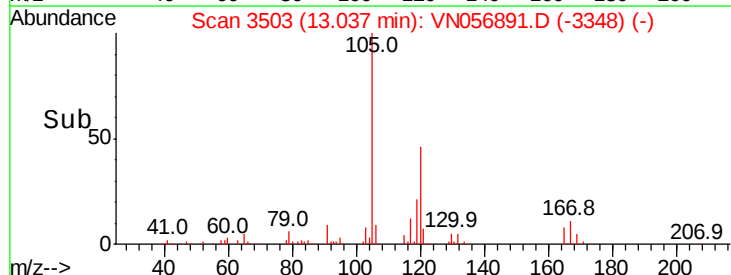
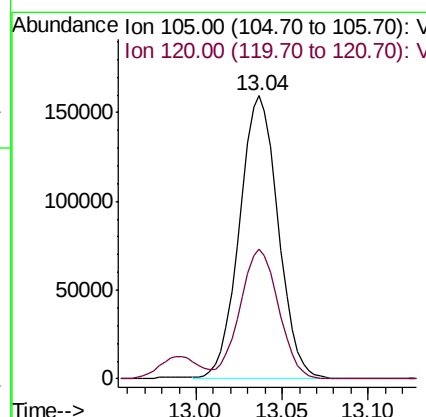
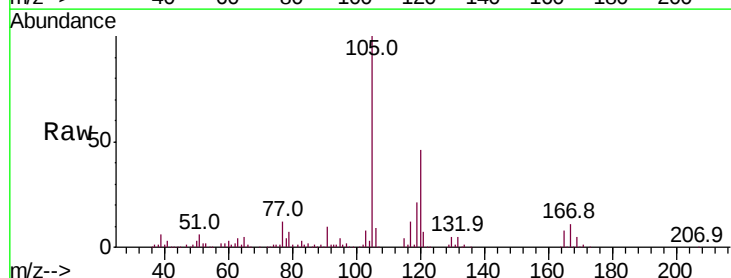
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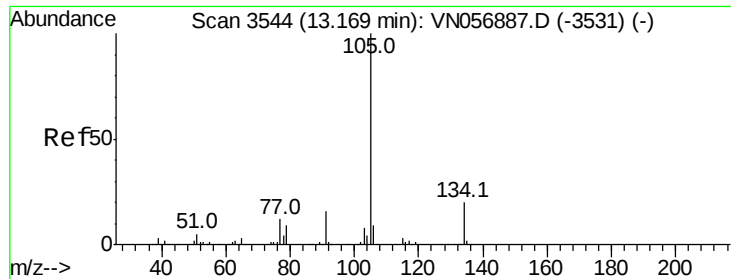
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#80
1,2,4-Trimethylbenzene
Concen: 19.760 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249535		
120	46.2	0.0	90.6	





#81

sec-Butylbenzene

Concen: 19.521 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072419

Tot Ion:105 Resp: 284889

Ion Ratio Lower Upper

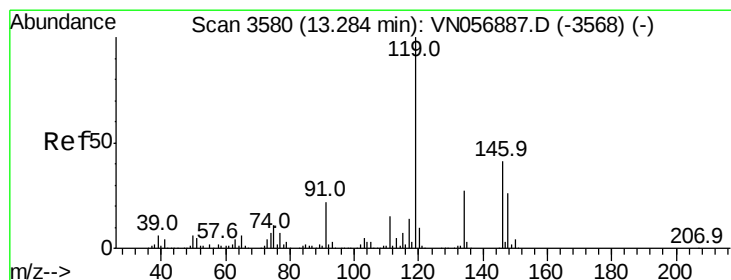
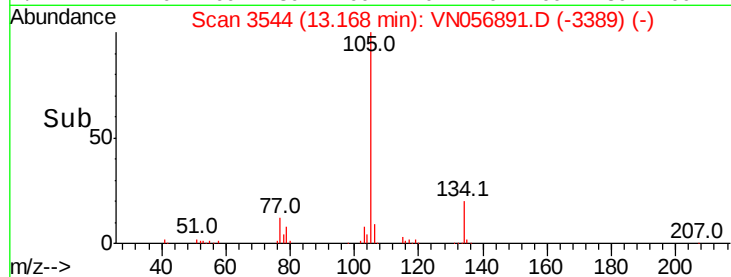
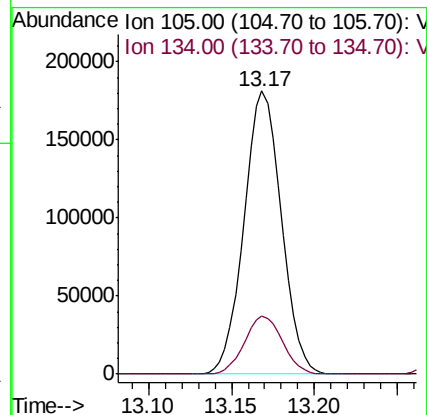
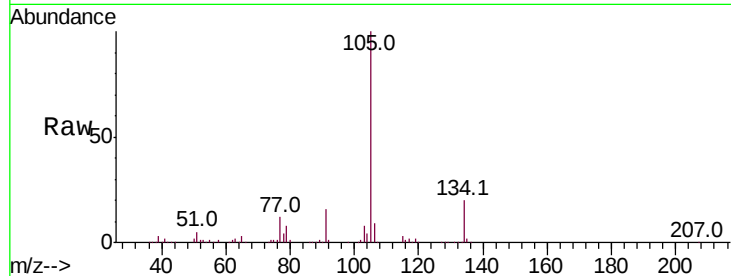
105 100

134 20.8 0.0 41.2

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#82

p-Isopropyltoluene

Concen: 19.513 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

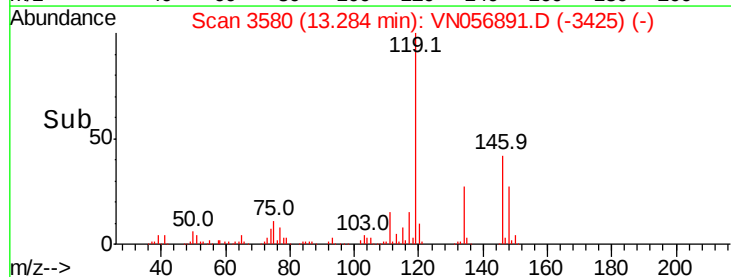
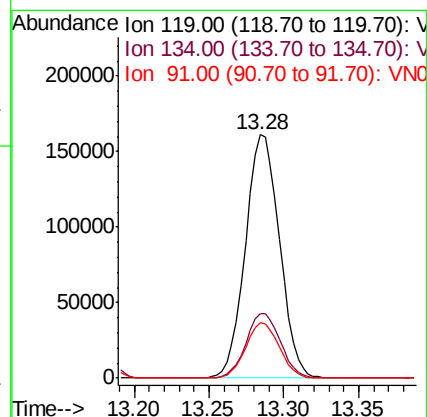
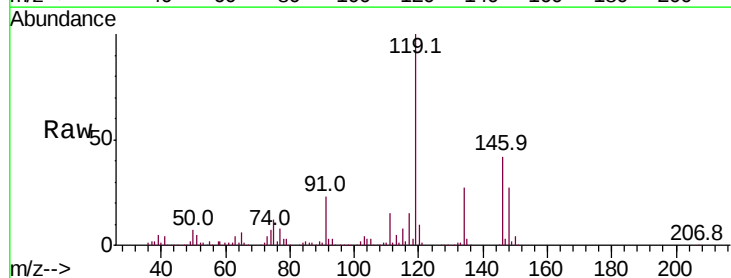
Tgt Ion:119 Resp: 255761

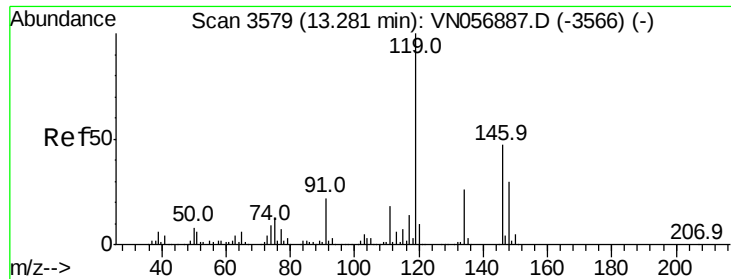
Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.2

91 22.3 0.0 44.0





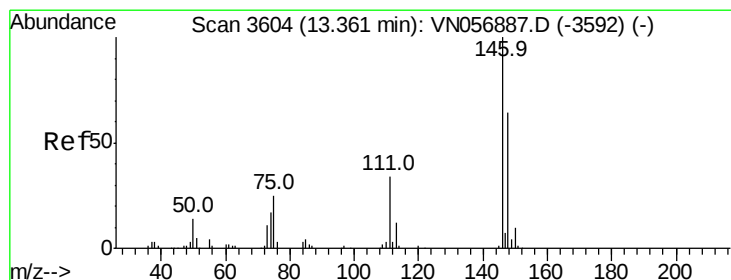
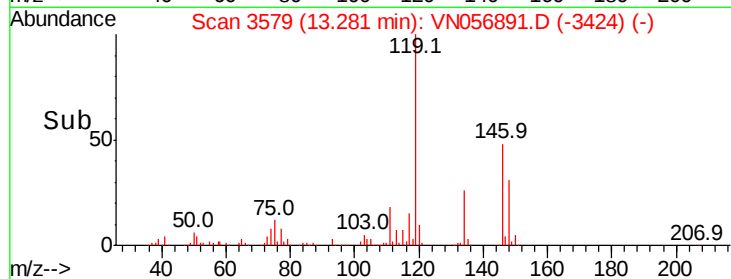
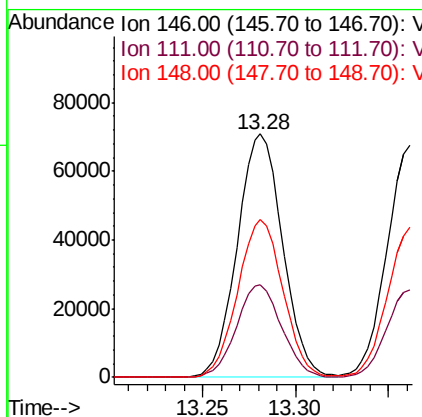
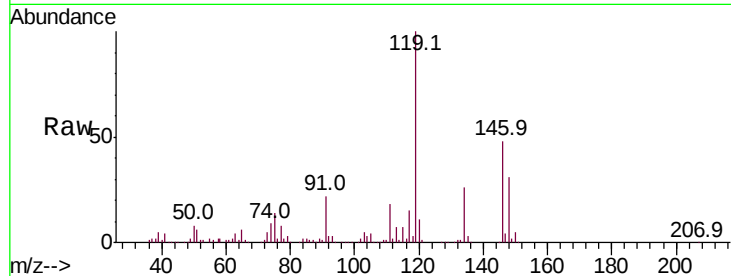
#83
 1,3-Dichlorobenzene
 Concen: 19.238 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072419

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.5	31.7	95.1

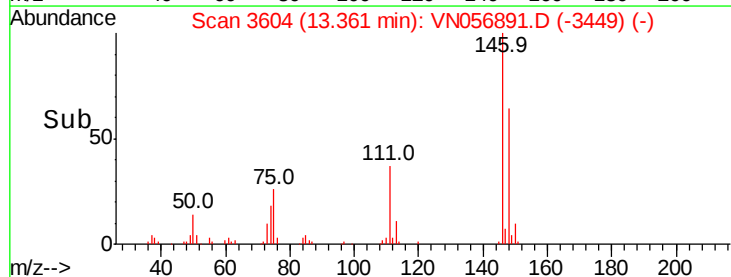
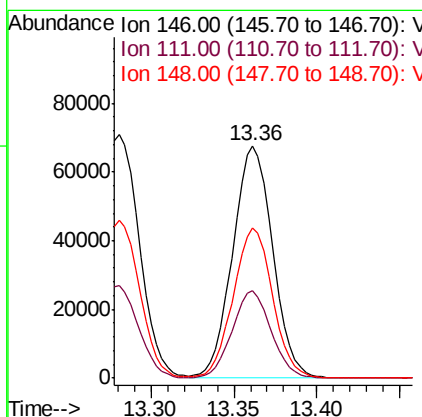
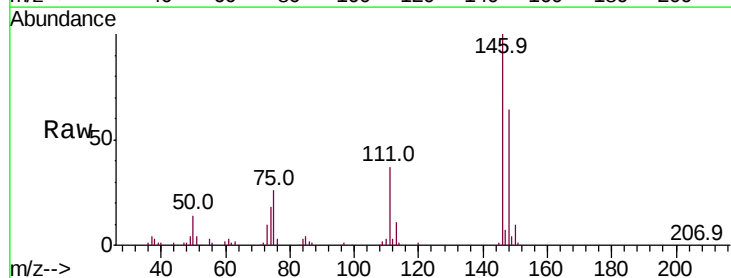
Manual Integrations
 APPROVED

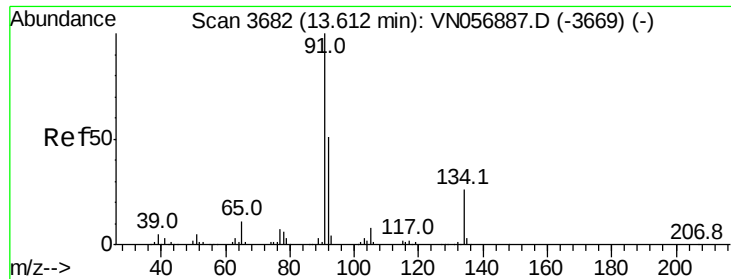
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#84
 1,4-Dichlorobenzene
 Concen: 19.236 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056891.D
 Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.8	53.5
148	63.8	32.6	97.7





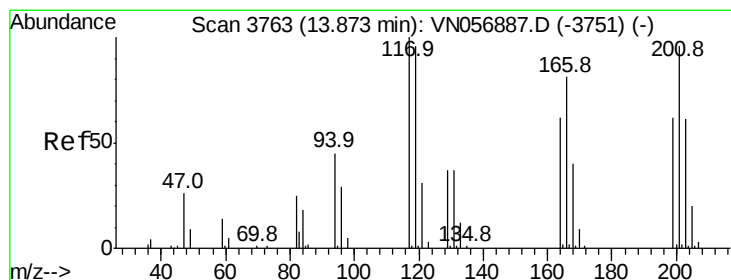
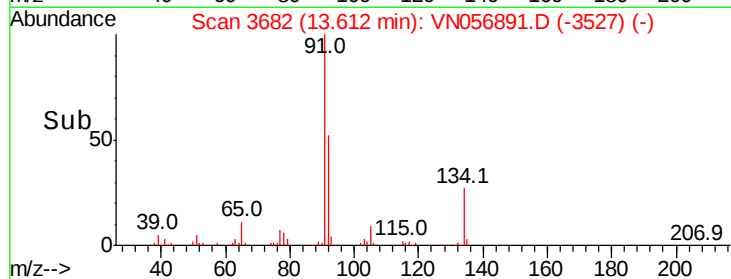
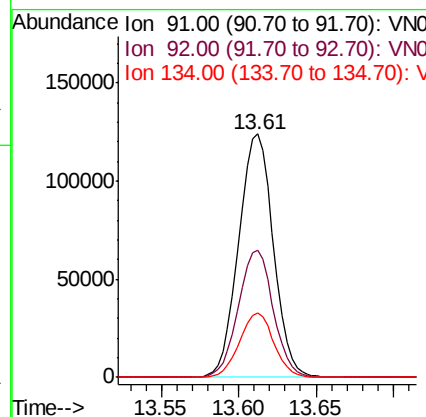
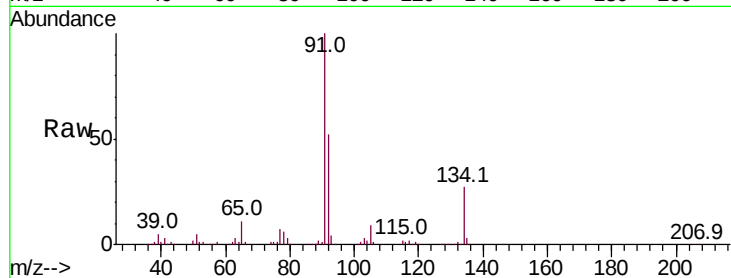
#85
n-Butylbenzene
Concen: 18.724 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192707		
92	52.6	0.0	101.8	
134	26.2	0.0	52.4	

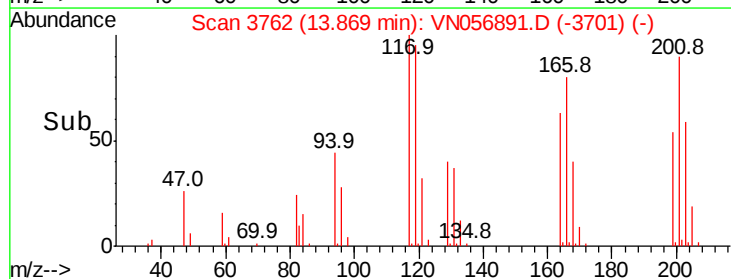
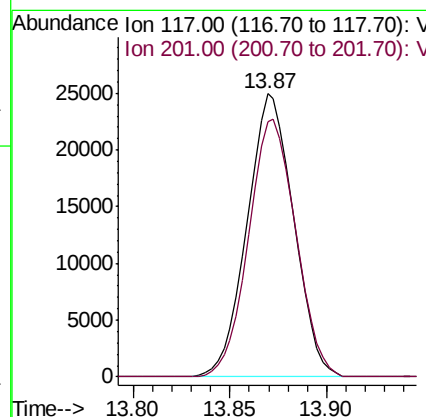
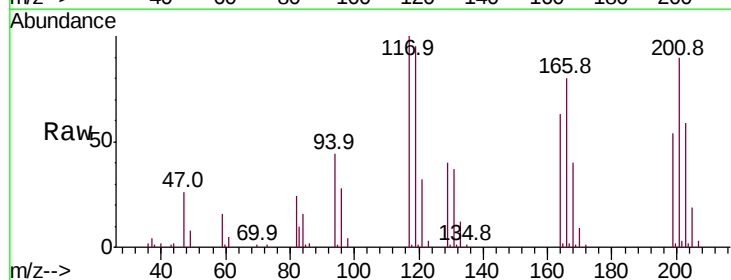
Manual Integrations
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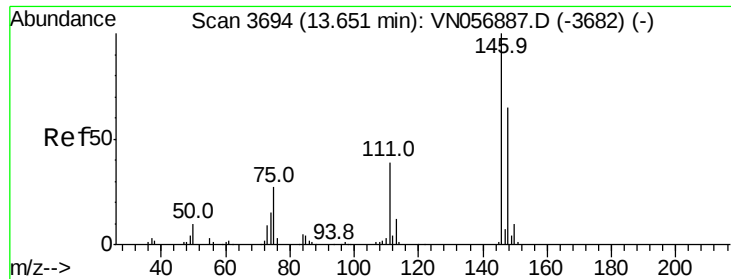
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#86
Hexachloroethane
Concen: 19.018 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41717		
201	92.3	47.8	143.3	





#87

1,2-Dichlorobenzene

Concen: 19.903 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

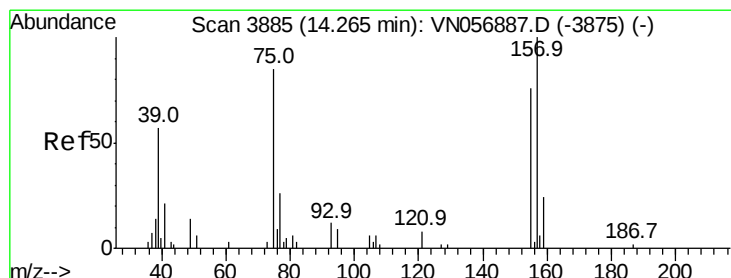
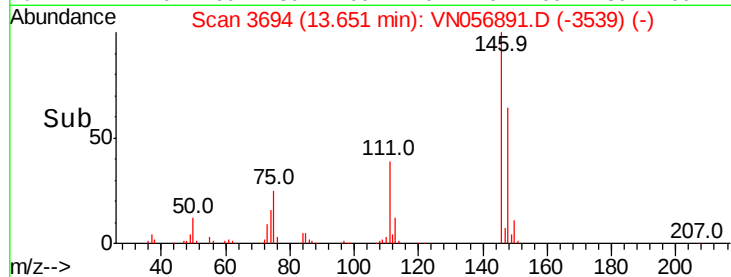
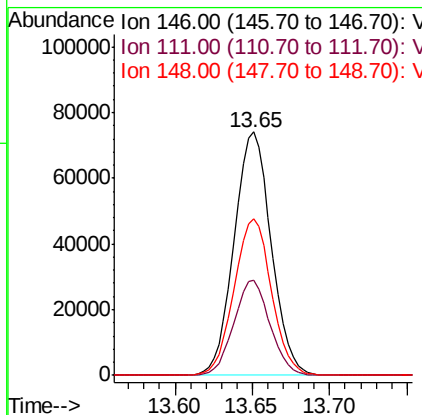
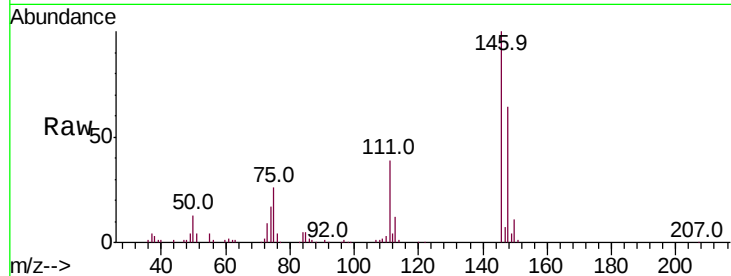
ClientSampleId :

ICVVN072419

Tot Ion:	146	Resp:	123590
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.6	58.8
148	64.7	32.5	97.5

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.194 ug/l

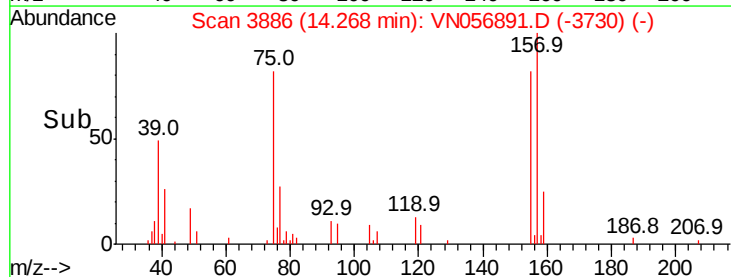
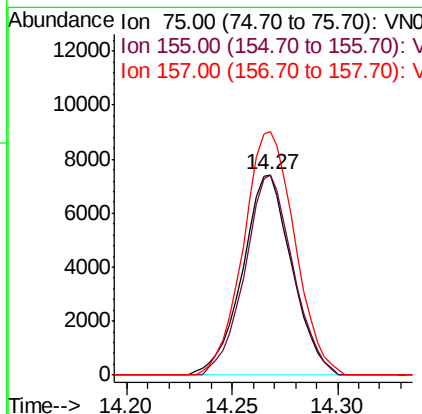
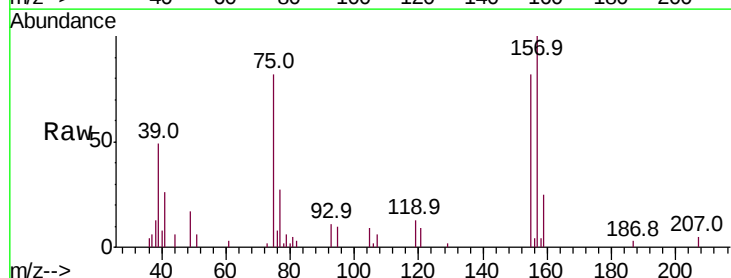
RT: 14.27 min Scan# 3886

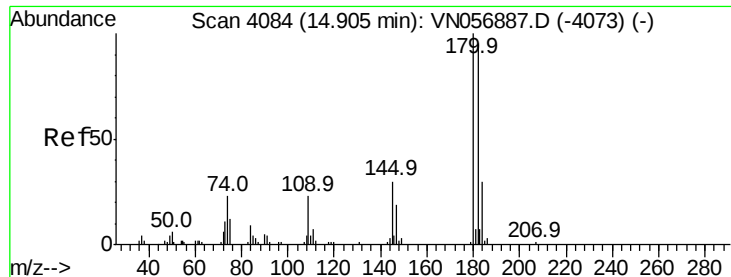
Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	75	Resp:	12131
Ion Ratio	Lower	Upper	
75	100		
155	96.9	73.4	110.2
157	126.3	95.0	142.6





#89

1,2,4-Trichlorobenzene

Concen: 20.299 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Instrument :

MSVOA_N

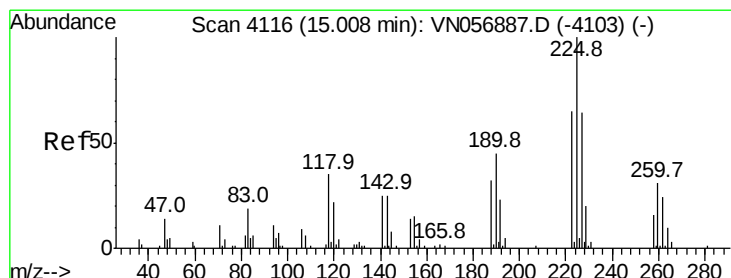
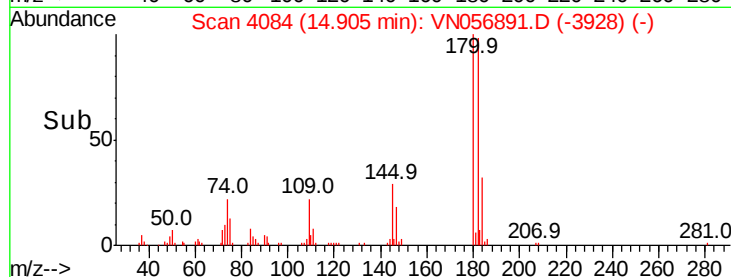
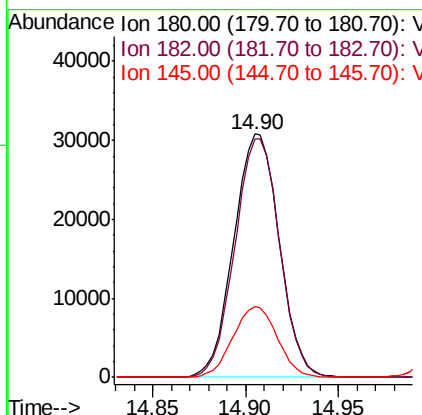
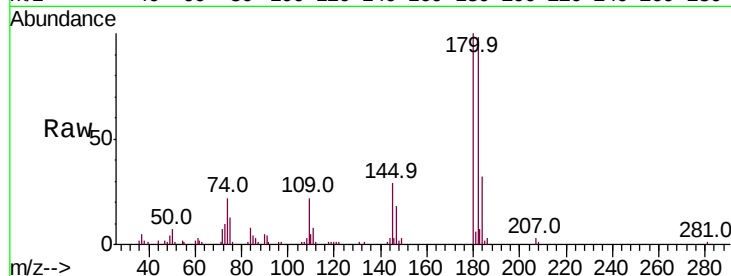
ClientSampleId :

ICVVN072419

Tot Ion:	180	Resp:	52520
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.0	115.4
145	28.4	23.5	35.3

Manual Integrations
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#90

Hexachlorobutadiene

Concen: 20.113 ug/l

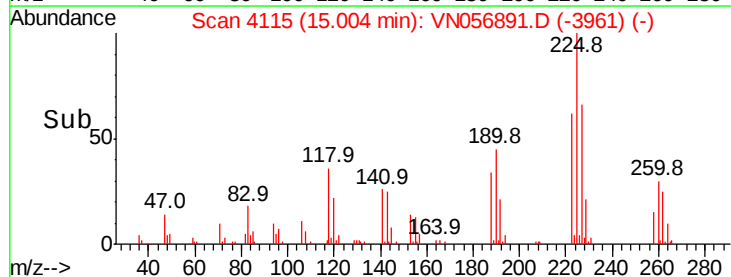
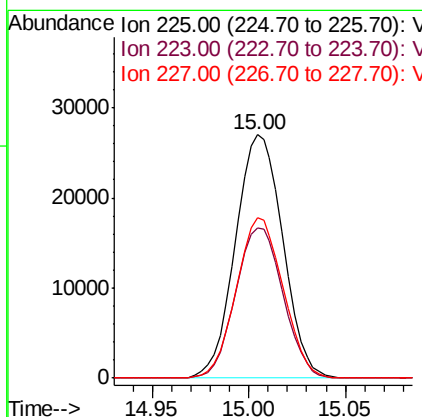
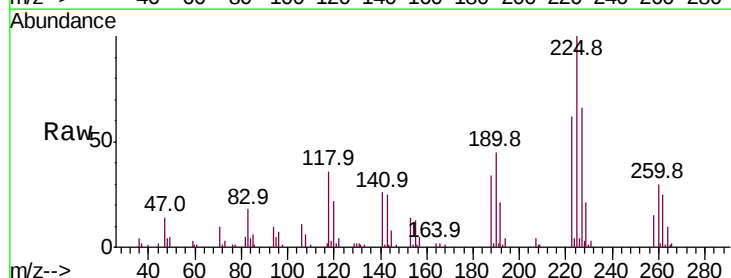
RT: 15.00 min Scan# 4115

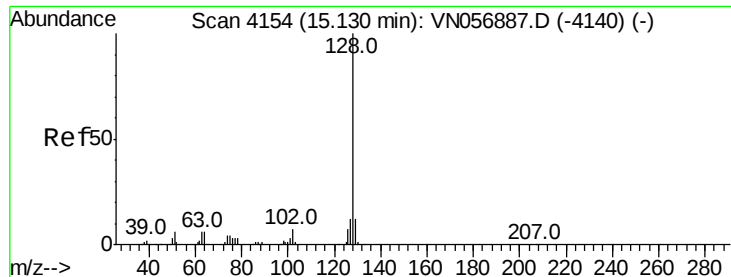
Delta R.T. -0.00 min

Lab File: VN056891.D

Acq: 23 Jul 2019 21:29

Tgt Ion:	225	Resp:	45907
Ion Ratio	Lower	Upper	
225	100		
223	61.9	0.0	130.0
227	65.0	0.0	127.2





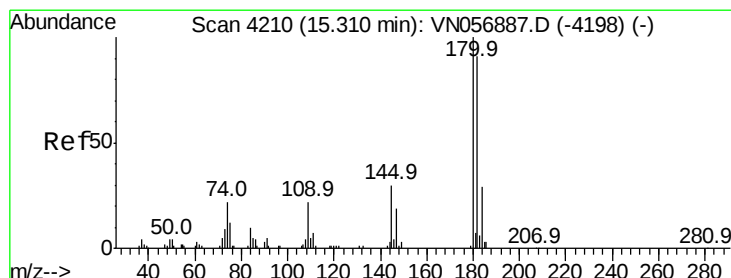
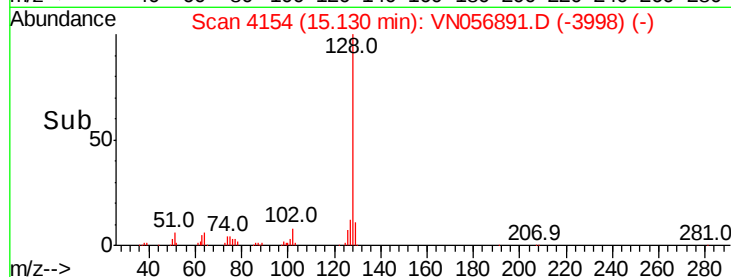
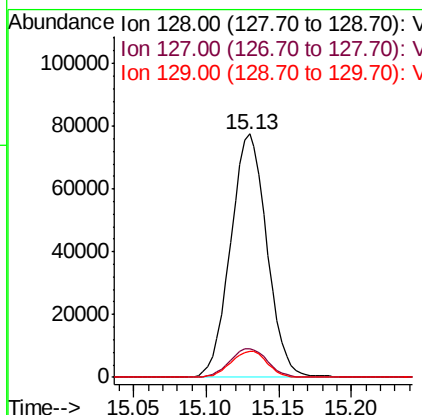
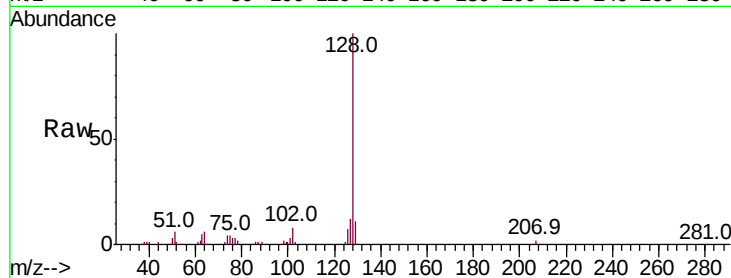
#91
Naphthalene
Concen: 19.967 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072419

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	12.2	10.0	15.0	
129	10.7	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
7/25/2019 2:20:16 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.730 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN056891.D
Acq: 23 Jul 2019 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	0.0	188.0	
145	30.2	0.0	61.0	

