

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058379.D
 Acq On : 26 Sep 2019 12:45
 Operator : JC/SP
 Sample : VN0926WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0926WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 11:19:09 AM

Quant Time: Sep 27 04:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	76213	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	449319	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	402295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	208513	30.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.17%
60) 4-Bromofluorobenzene	12.41	95	202135	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	10.08	98	576557	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	93062	20.305 ug/l	95
3) Chloromethane	2.04	50	109970	20.781 ug/l	100
4) Vinyl Chloride	2.17	62	106978	20.259 ug/l	96
5) Bromomethane	2.55	94	58820	20.515 ug/l	98
6) Chloroethane	2.69	64	65299	20.924 ug/l	92
7) Trichlorofluoromethane	3.00	101	129176	20.776 ug/l	95
8) Diethyl Ether	3.39	74	56947	20.603 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85332	19.938 ug/l	99
10) 1,1-Dichloroethene	3.72	96	83548	19.969 ug/l	98
11) Methyl Iodide	3.93	142	91875	21.418 ug/l	98
12) Methyl Acetate	4.30	43	109573	19.663 ug/l	99
13) Acrolein	3.59	56	14327	90.417 ug/l	96
14) Acrylonitrile	4.96	53	228949	99.505 ug/l	98
15) Acetone	3.79	58	64493	101.091 ug/l	96
16) Carbon Disulfide	4.03	76	218426	18.786 ug/l	98
17) Allyl chloride	4.30	41	151869	19.433 ug/l	92
18) Methylene Chloride	4.53	84	102864	20.841 ug/l	93
19) trans-1,2-Dichloroethene	5.02	96	93235	19.877 ug/l	95
20) Diisopropyl ether	5.93	45	327555	19.671 ug/l	98
21) 1,1-Dichloroethane	5.83	63	189373	20.323 ug/l	97
22) cis-1,2-Dichloroethene	6.81	96	109529	20.104 ug/l	99
23) tert-Butyl Alcohol	4.76	59	81225	95.628 ug/l	# 100
24) Methyl tert-Butyl Ether	5.02	73	303350	20.199 ug/l	100
25) Chloroform	7.36	83	190664	20.207 ug/l	99
26) Cyclohexane	7.64	56	170791	19.610 ug/l	# 98
29) 1,1-Dichloropropene	7.78	75	145896	19.892 ug/l	99
30) 2-Butanone	6.81	43	325329	97.689 ug/l	# 61
31) 2,2-Dichloropropane	6.80	77	144779	19.174 ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	158204	19.999 ug/l	98
33) Carbon Tetrachloride	7.76	117	132131	19.660 ug/l	100
34) Benzene	8.03	78	416727	20.029 ug/l	98
35) Methacrylonitrile	7.16	41	55591m	19.408 ug/l	
36) 1,2-Dichloroethane	8.11	62	165667	20.326 ug/l	100
37) Trichloroethene	8.82	130	104099	19.985 ug/l	96
38) Methylcyclohexane	9.07	83	168698	19.022 ug/l	99
39) 1,2-Dichloropropane	9.11	63	114660	20.204 ug/l	99
40) Dibromomethane	9.20	93	72153	20.144 ug/l	97

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 9/27/2019 11:19:09 AM

Quant Time: Sep 27 04:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	142093	20.070	ug/l	99
42) Vinyl Acetate	5.87	43	1370817	107.808	ug/l	100
43) Ethyl Acetate	6.91	43	122886	18.585	ug/l	95
44) Isopropyl Acetate	8.15	43	234139	19.781	ug/l	100
45) 1,4-Dioxane	9.19	88	39414	394.707	ug/l	95
46) Methyl methacrylate	9.19	41	108661	19.370	ug/l	94
47) n-amyl Acetate	12.07	43	188642	18.309	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	148662	19.217	ug/l	99
49) cis-1,3-Dichloropropene	9.83	75	166502	19.331	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	100322	20.041	ug/l	96
51) Ethyl methacrylate	10.43	69	152612	19.269	ug/l	99
52) 1,3-Dichloropropane	10.71	76	177688	19.986	ug/l	97
53) Dibromochloromethane	10.90	129	95547	18.999	ug/l	99
54) 1,2-Dibromoethane	11.00	107	101821	19.932	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	325642	97.101	ug/l	99
56) Bromoform	12.13	173	59700	18.820	ug/l	97
58) 4-Methyl-2-Pentanone	9.98	43	681935	108.184	ug/l	99
59) 2-Hexanone	10.75	43	489802	102.784	ug/l	99
61) Tetrachloroethene	10.63	164	83530	19.819	ug/l	97
62) Toluene	10.15	91	454861	20.645	ug/l	99
64) Chlorobenzene	11.43	112	266908	19.713	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	93485	19.696	ug/l	99
66) Ethyl Benzene	11.51	91	499956	20.810	ug/l	99
67) m/p-Xylenes	11.62	106	357775	38.789	ug/l	97
68) o-Xylene	11.95	106	172681	19.253	ug/l	95
69) Styrene	11.97	104	290419	19.364	ug/l	98
70) Isopropylbenzene	12.25	105	483659	20.810	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.51	83	147832	20.012	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	127563m	20.079	ug/l	
73) Bromobenzene	12.53	156	107251	19.051	ug/l	96
74) n-propylbenzene	12.60	91	562187	20.981	ug/l	99
75) 2-Chlorotoluene	12.68	91	333390	19.891	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	403016	20.138	ug/l	100
77) t-1,4-Dichloro-2-butene	12.31	75	35353	17.060	ug/l	98
78) 4-Chlorotoluene	12.78	91	333603	19.420	ug/l	100
79) tert-butylbenzene	13.00	119	346555	20.001	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	398240	19.936	ug/l	99
81) sec-Butylbenzene	13.18	105	462915	20.369	ug/l	100
82) p-Isopropyltoluene	13.30	119	404500	19.764	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	196159	18.886	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	194954	18.859	ug/l	100
85) n-Butylbenzene	13.62	91	362735	19.077	ug/l	99
86) Hexachloroethane	13.88	117	62533	18.917	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	194506	19.178	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	25912	17.973	ug/l	100
89) 1,2,4-Trichlorobenzene	14.92	180	109888	16.585	ug/l	97
90) Hexachlorobutadiene	15.02	225	58130	18.132	ug/l	98
91) Naphthalene	15.13	128	306789	16.860	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	106529	16.740	ug/l	99

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Instrument :
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ClientSampleId :
VN0926WBSD01

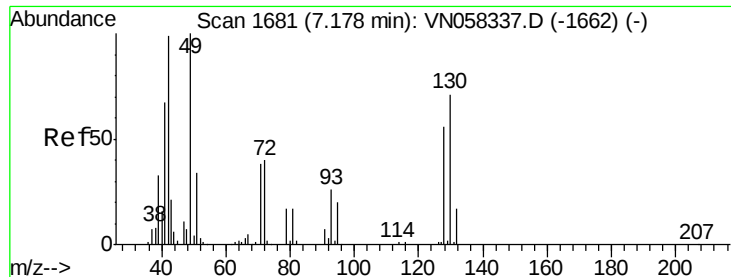
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
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QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

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



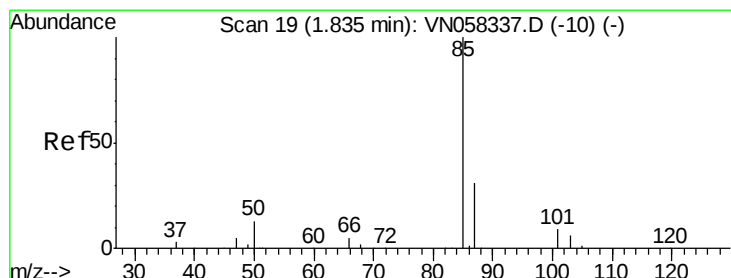
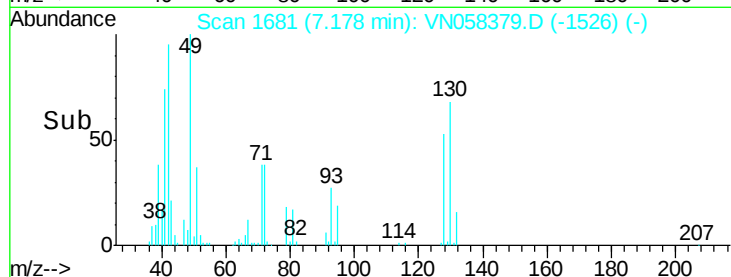
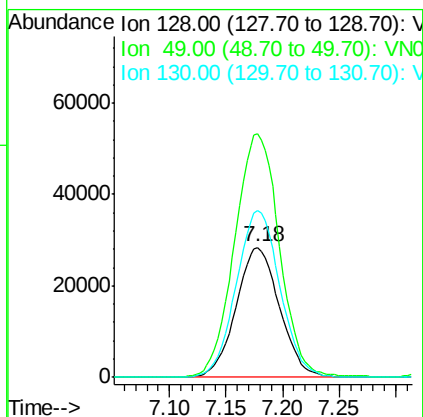
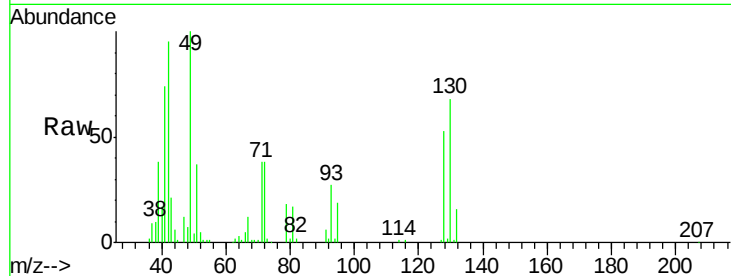
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	192.4	0.0	458.5
130	128.8	0.0	320.7

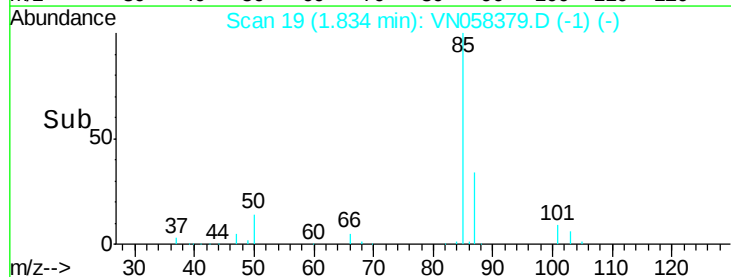
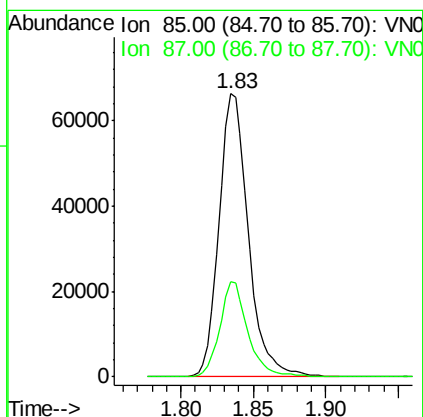
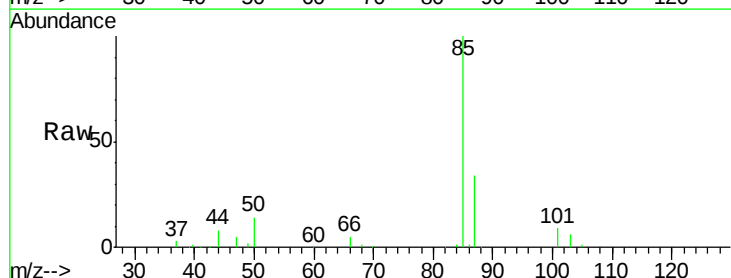
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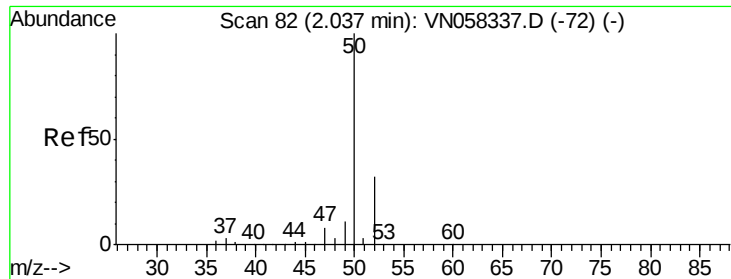
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#2
Dichlorodifluoromethane
Concen: 20.305 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.7	15.5	46.5





#3

Chloromethane

Concen: 20.781 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion: 50 Resp: 109970

Ion Ratio Lower Upper

50 100

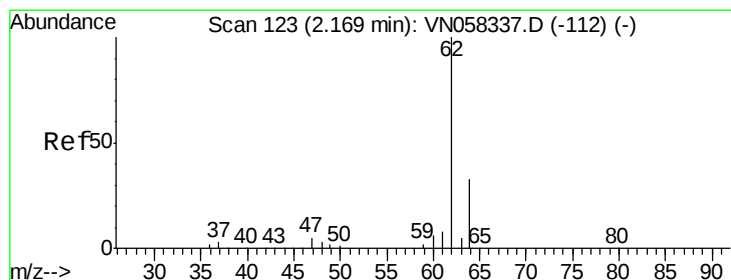
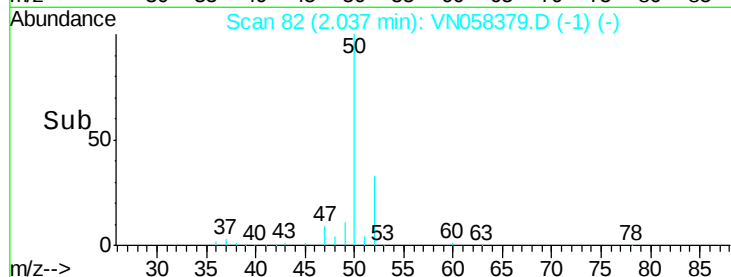
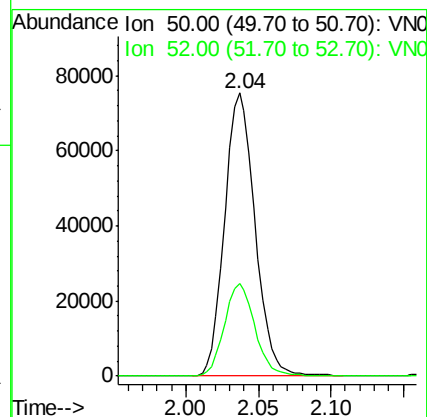
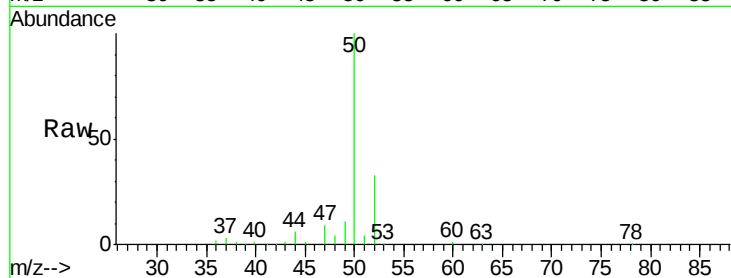
52 32.5 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.259 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058379.D

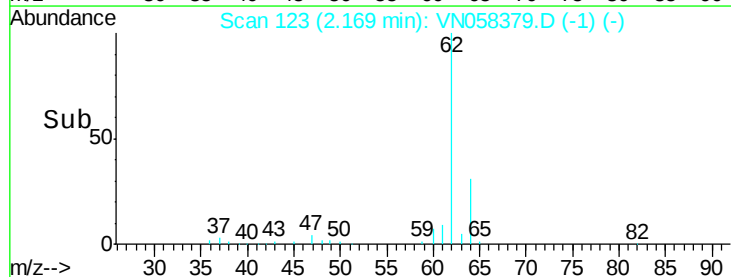
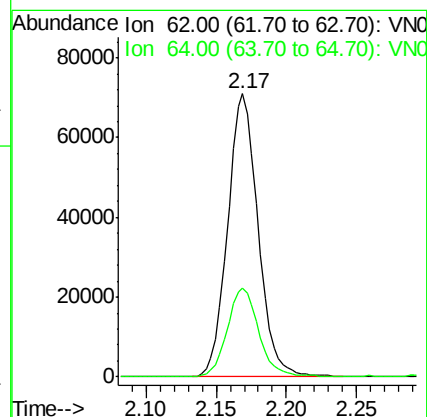
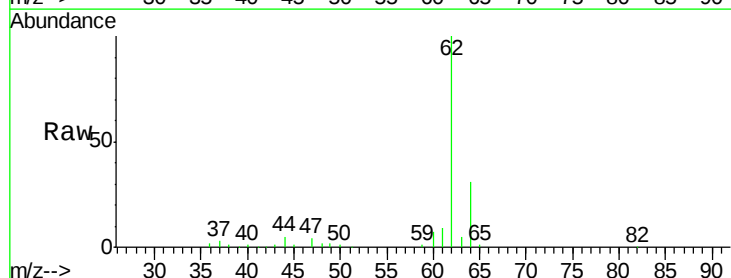
Acq: 26 Sep 2019 12:45

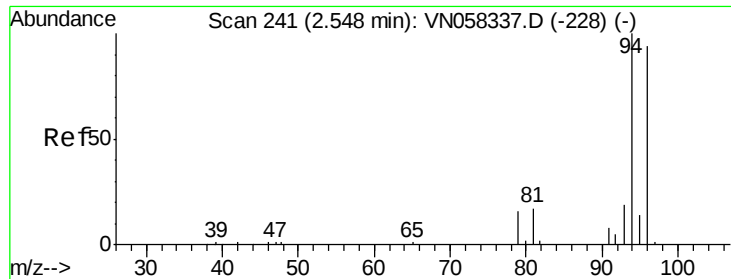
Tgt Ion: 62 Resp: 106978

Ion Ratio Lower Upper

62 100

64 31.1 26.6 40.0





#5

Bromomethane

Concen: 20.515 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion: 94 Resp: 58820

Ion Ratio Lower Upper

94 100

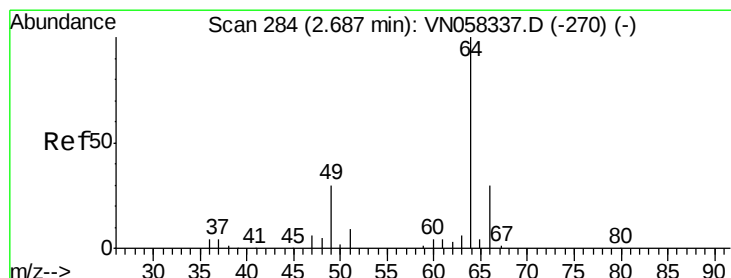
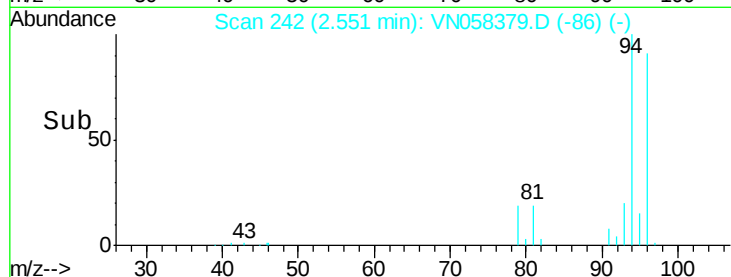
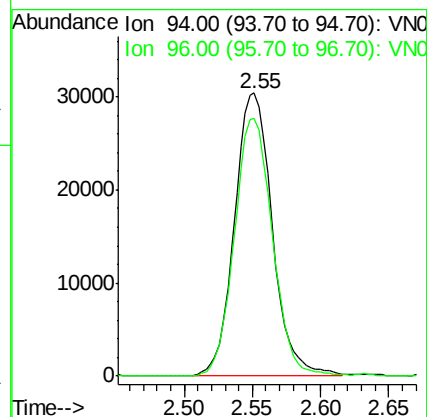
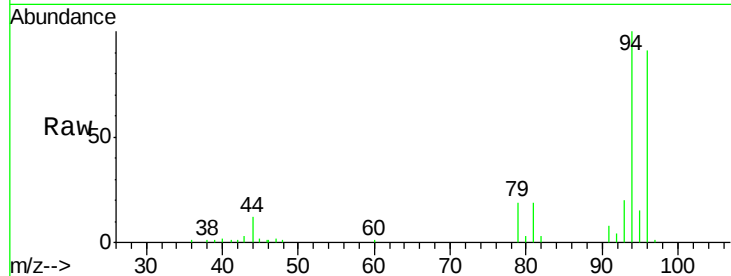
96 91.3 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 20.924 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.00 min

Lab File: VN058379.D

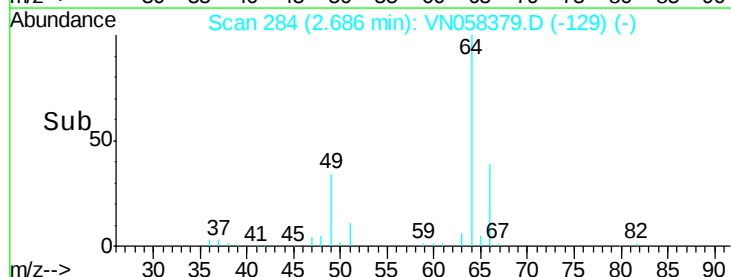
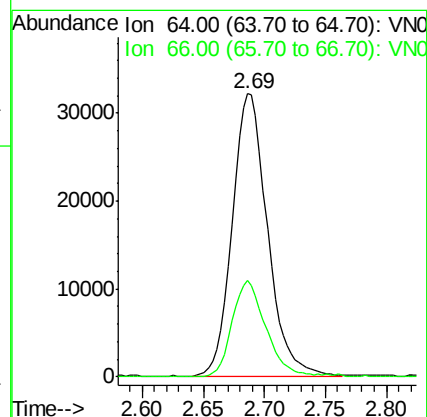
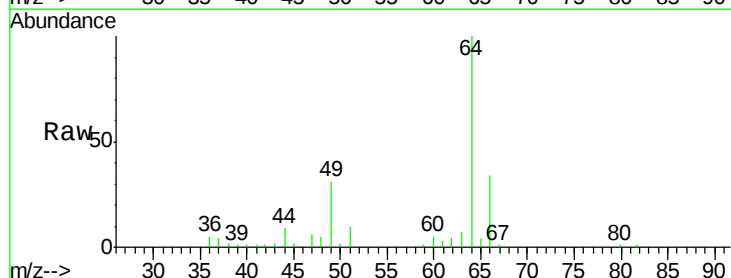
Acq: 26 Sep 2019 12:45

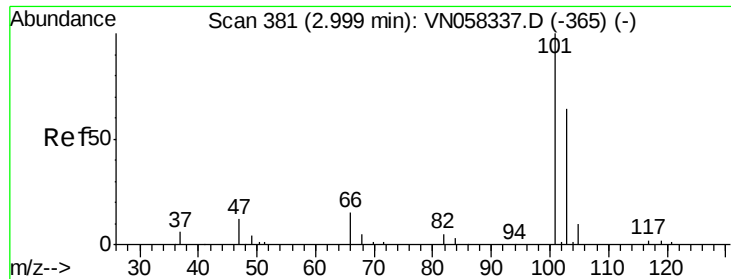
Tgt Ion: 64 Resp: 65299

Ion Ratio Lower Upper

64 100

66 33.9 23.8 35.6





#7

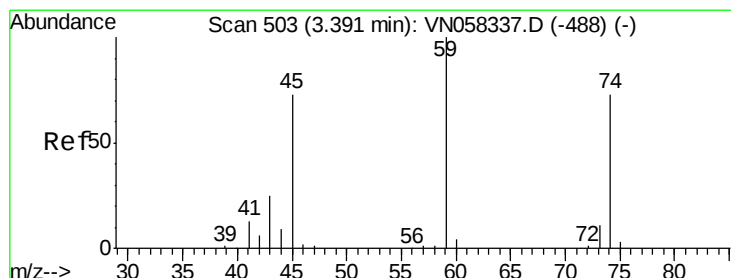
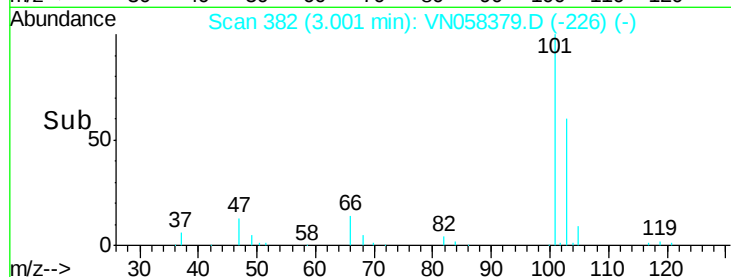
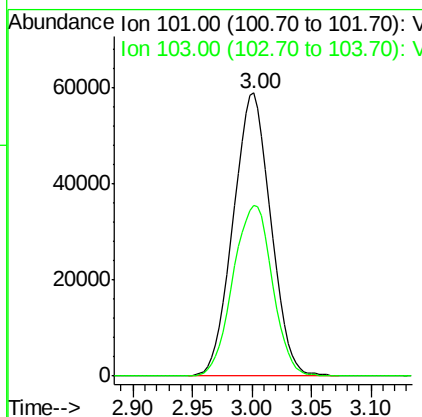
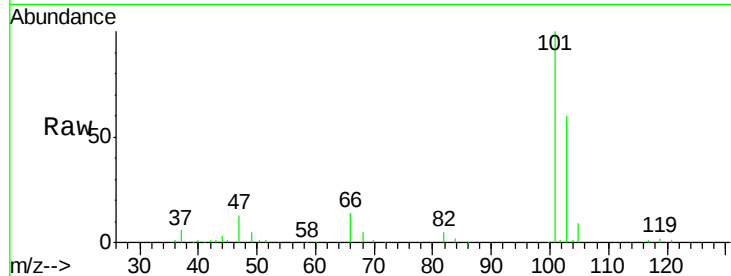
Trichlorofluoromethane
Concen: 20.776 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
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ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.3	51.5	77.3

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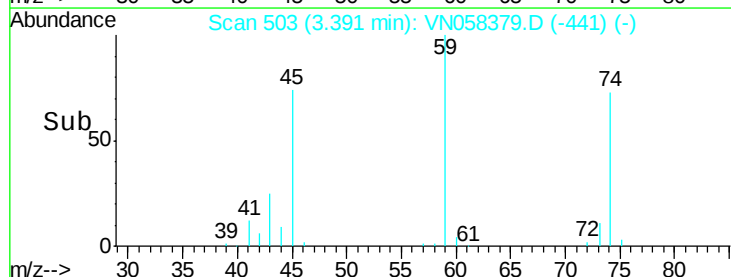
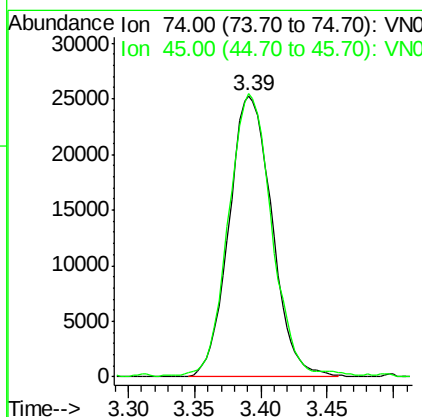
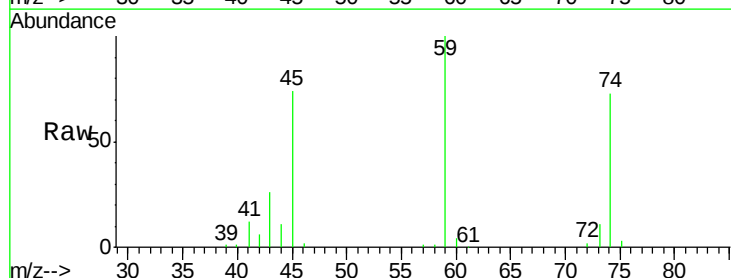
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9/27/2019 11:19:09 AM

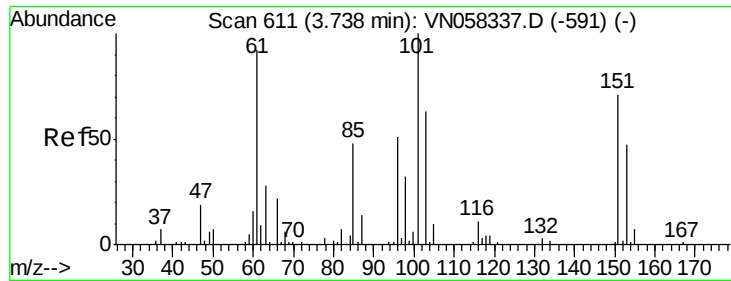


#8

Diethyl Ether
Concen: 20.603 ug/l
RT: 3.39 min Scan# 503
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	20.8	187.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.938 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

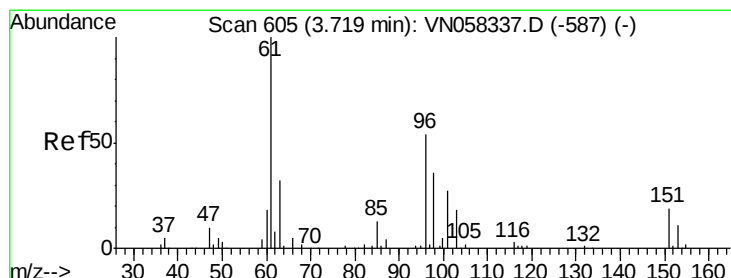
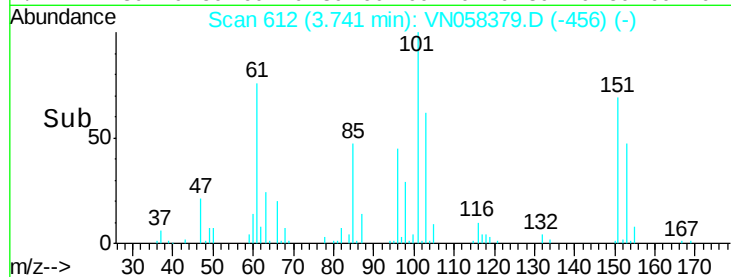
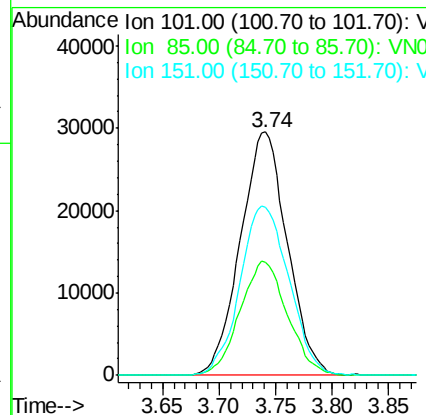
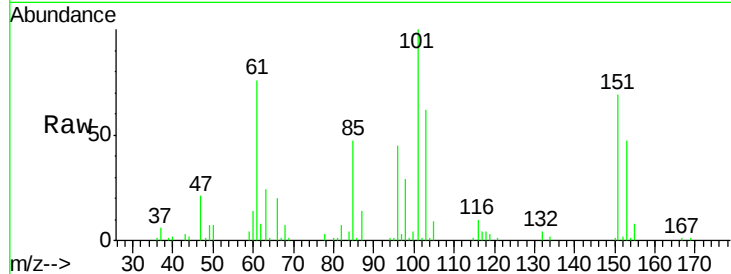
ClientSampleId :

VN0926WBSD01

Tot Ion:	101	Resp:	85332
Ion Ratio	Lower	Upper	
101	100		
85	47.4	0.0	93.0
151	72.4	0.0	147.2

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#10

1,1-Dichloroethene

Concen: 19.969 ug/l

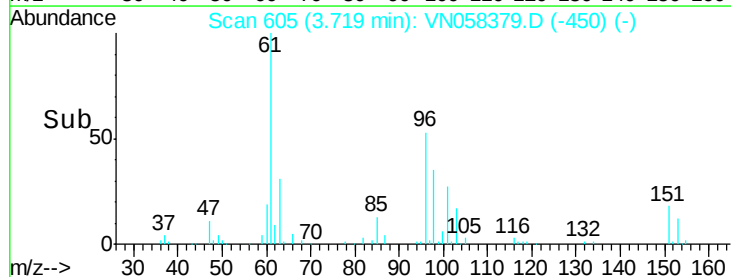
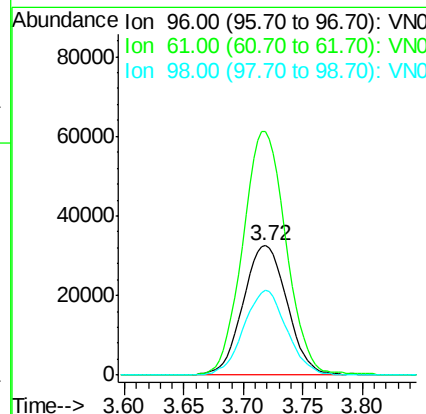
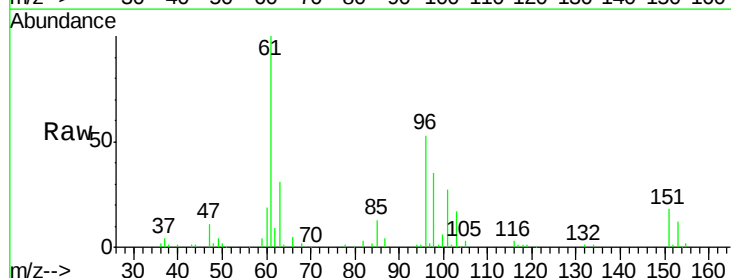
RT: 3.72 min Scan# 605

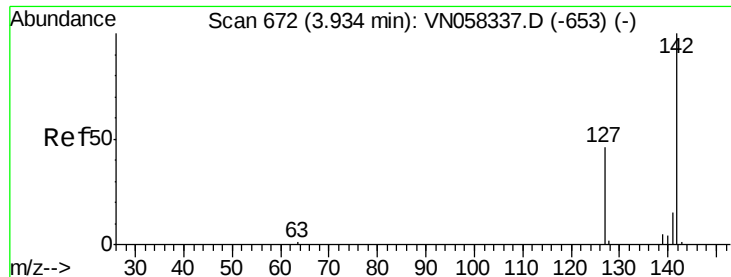
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	96	Resp:	83548
Ion Ratio	Lower	Upper	
96	100		
61	188.2	146.9	220.3
98	65.2	52.3	78.5





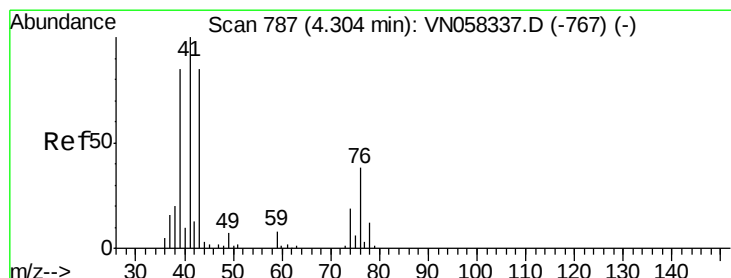
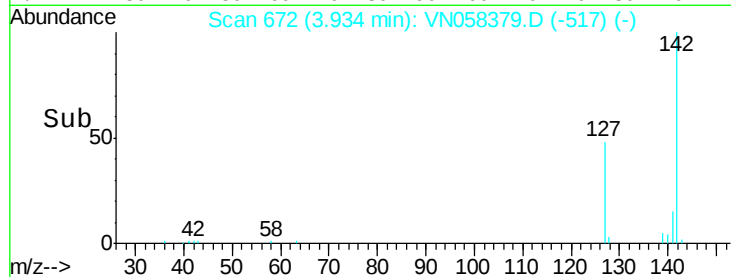
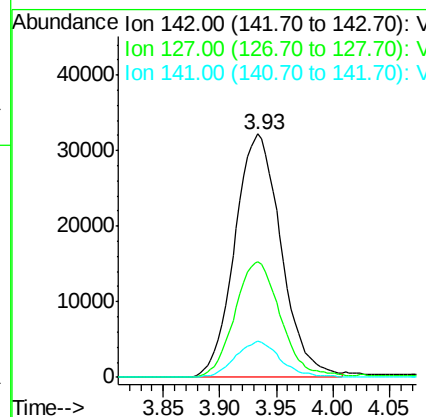
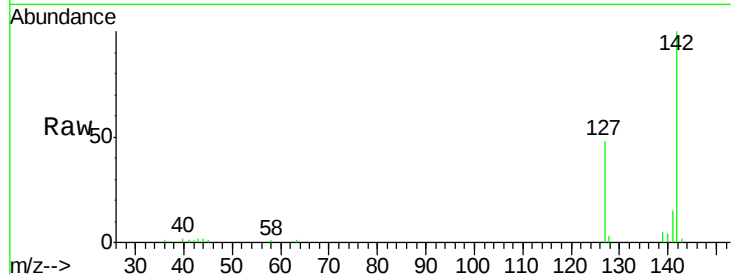
#11
Methyl Iodide
Concen: 21.418 ug/l
RT: 3.93 min Scan# 672
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.5	22.9	68.7
141	15.0	7.4	22.3

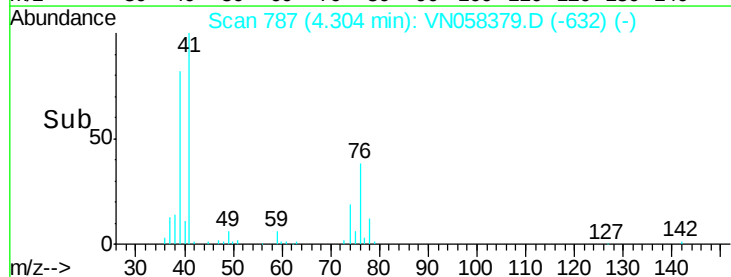
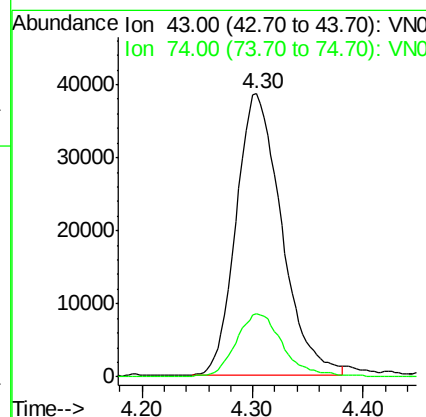
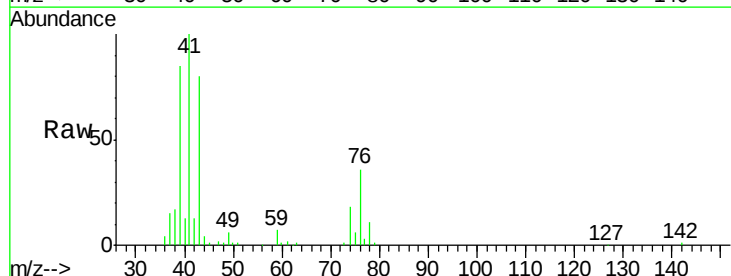
Manual Integrations
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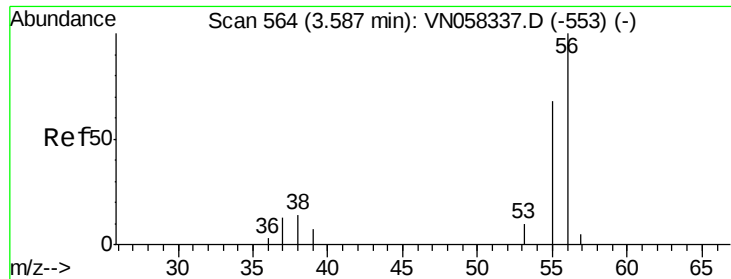
MMDadoda
9/27/2019 11:19:09 AM



#12
Methyl Acetate
Concen: 19.663 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.6





#13

Acrolein

Concen: 90.417 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion: 56 Resp: 14327

Ion Ratio Lower Upper

56 100

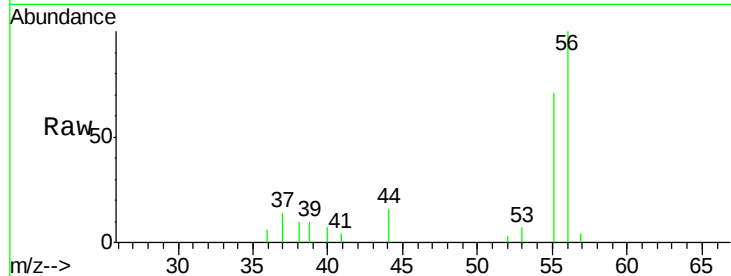
55 69.6 58.4 87.6

Manual Integrations

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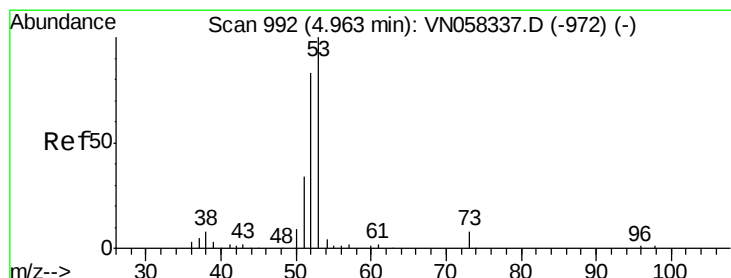
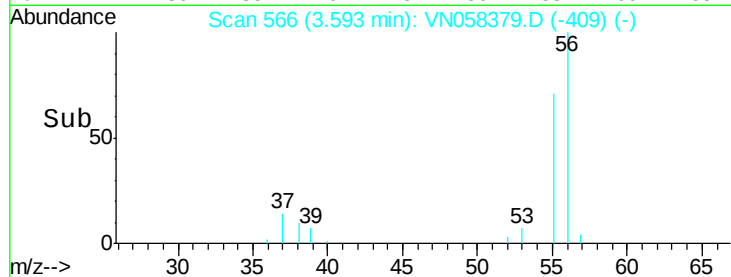
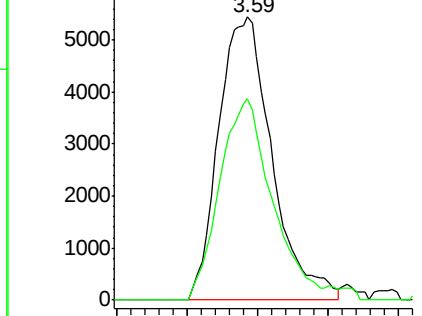
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.505 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

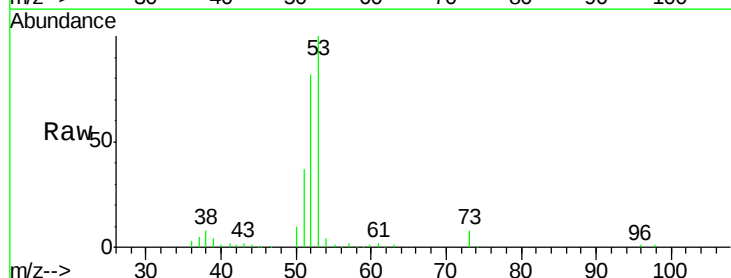
Tgt Ion: 53 Resp: 228949

Ion Ratio Lower Upper

53 100

52 83.8 41.3 123.7

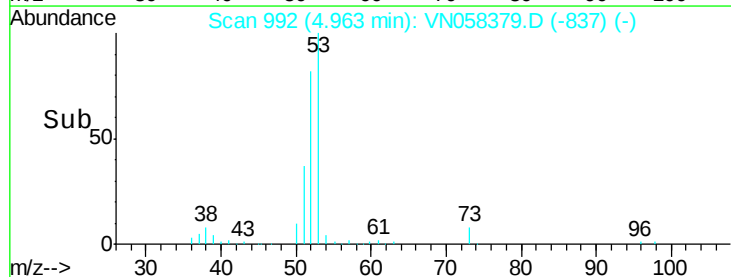
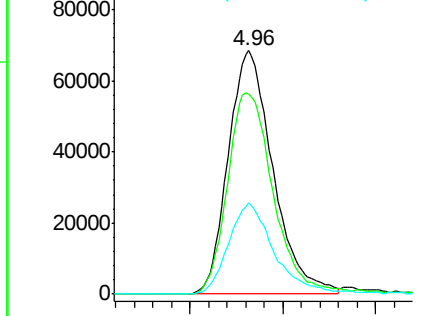
51 37.6 18.3 54.8

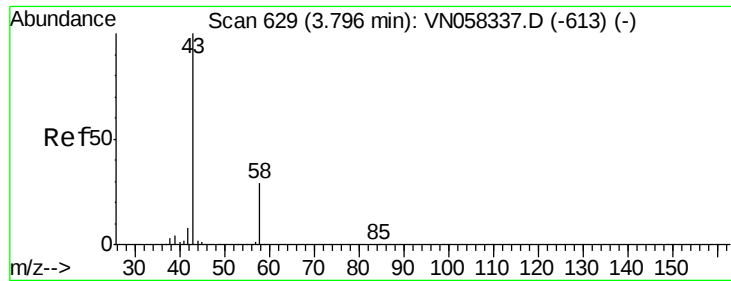


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 101.091 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion: 58 Resp: 64493

Ion Ratio Lower Upper

58 100

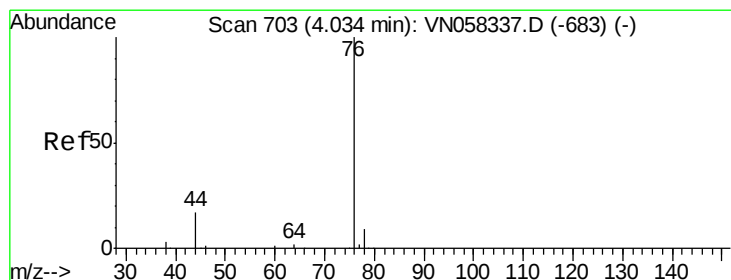
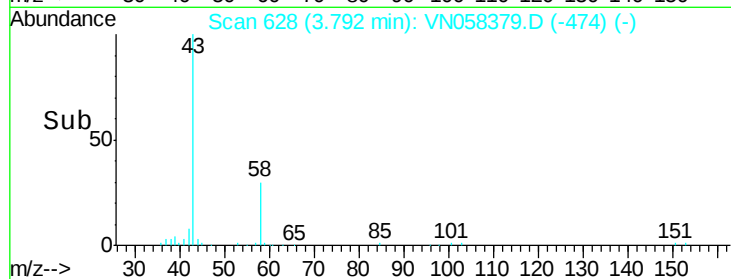
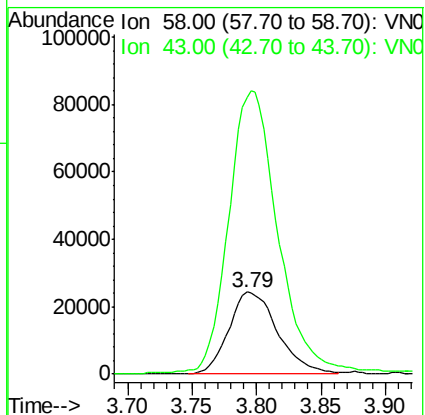
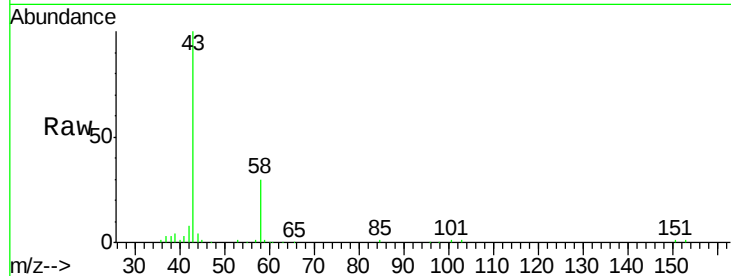
43 332.3 272.6 409.0

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#16

Carbon Disulfide

Concen: 18.786 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN058379.D

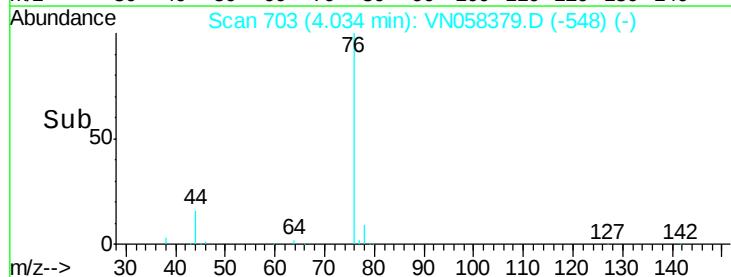
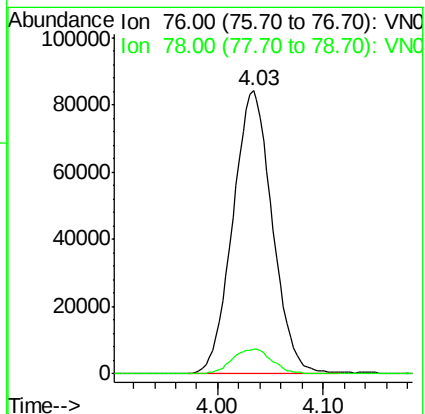
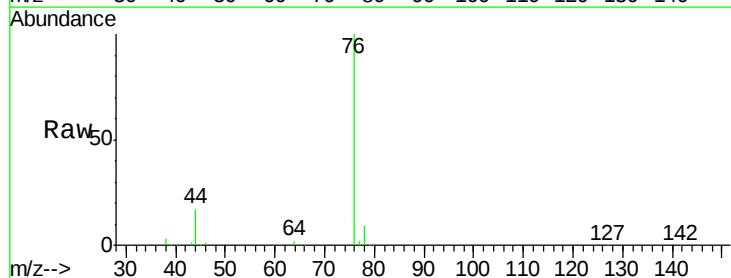
Acq: 26 Sep 2019 12:45

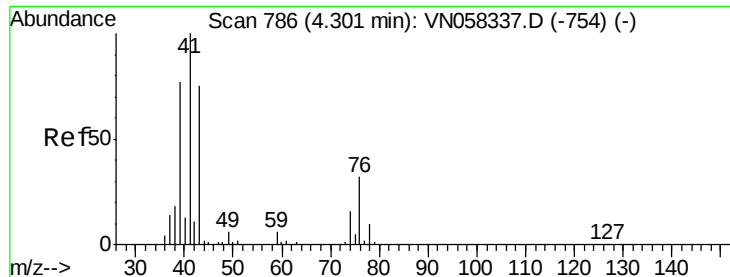
Tgt Ion: 76 Resp: 218426

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2





#17

Allvl chloride

Concen: 19.433 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

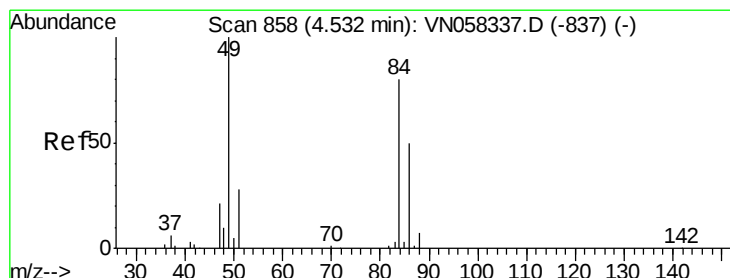
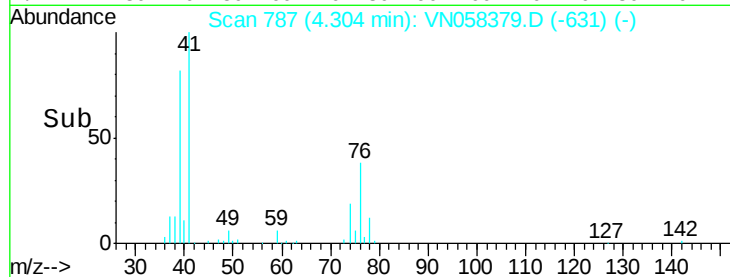
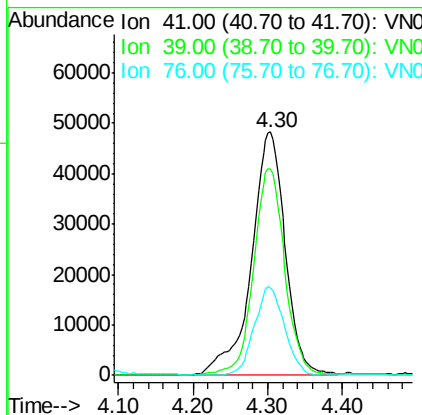
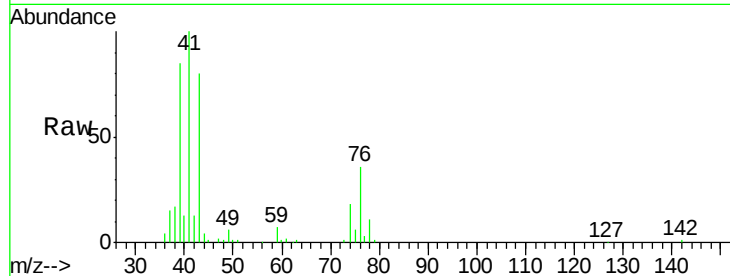
ClientSampleId :

VN0926WBSD01

Tot Ion:	41	Resp:	151869
Ion	Ratio	Lower	Upper
41	100		
39	85.0	38.7	116.1
76	36.2	16.4	49.1

Manual Integrations
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#18

Methylene Chloride

Concen: 20.841 ug/l

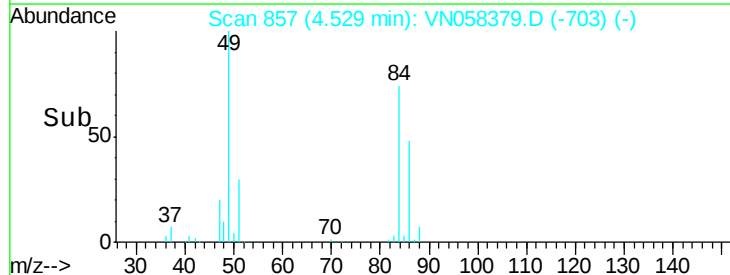
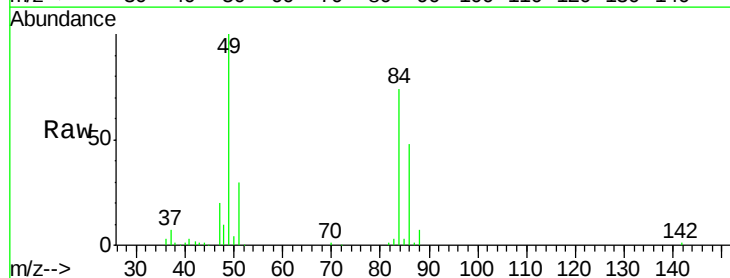
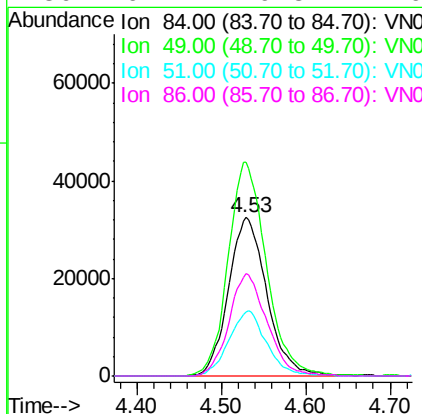
RT: 4.53 min Scan# 857

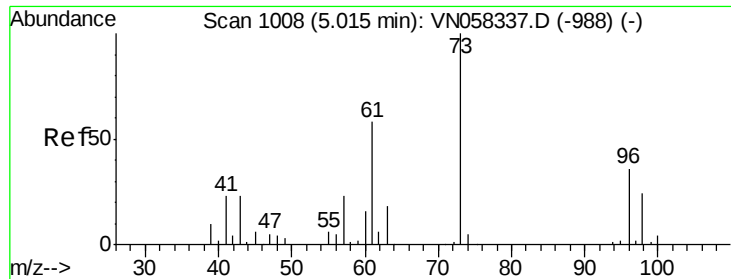
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	84	Resp:	102864
Ion	Ratio	Lower	Upper
84	100		
49	134.2	99.8	149.6
51	40.8	28.3	42.5
86	64.7	49.8	74.6





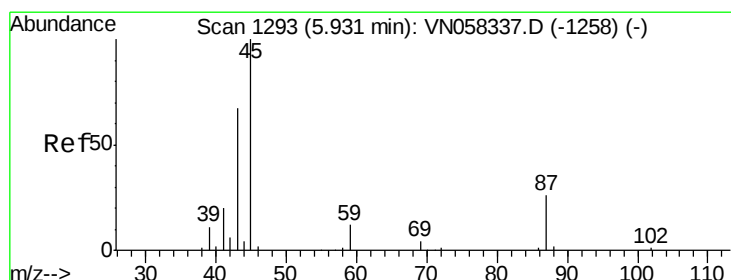
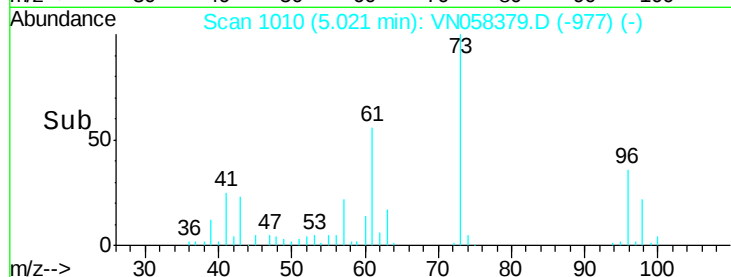
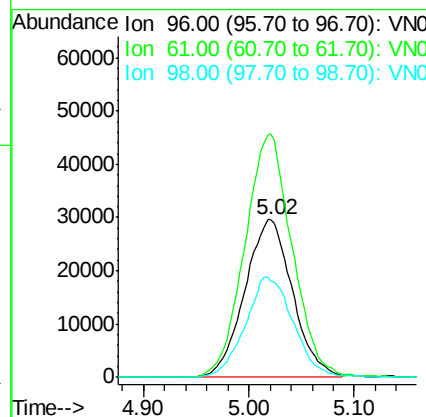
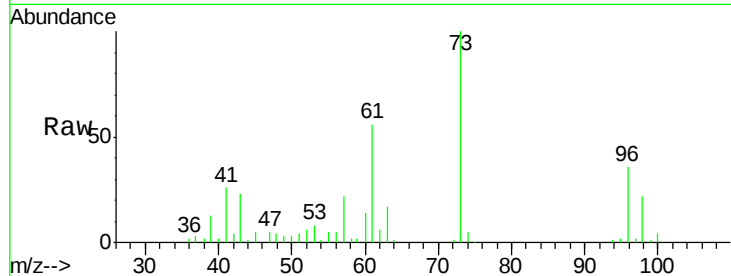
#19
trans-1,2-Dichloroethene
Concen: 19.877 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	154.5		128.0	192.0	
98	61.5		53.0	79.6	

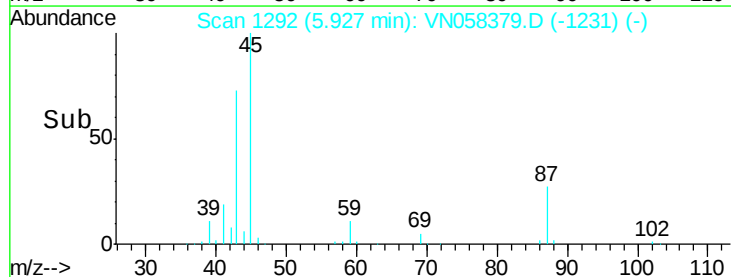
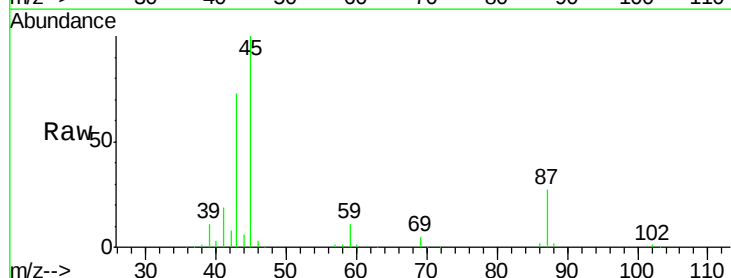
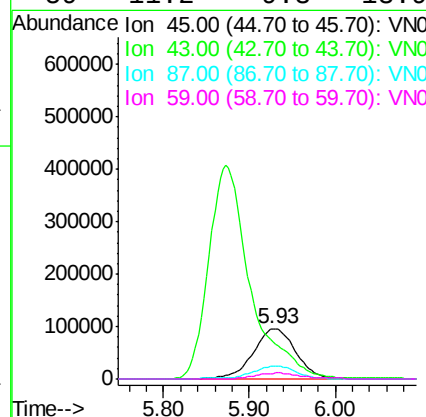
Manual Integrations
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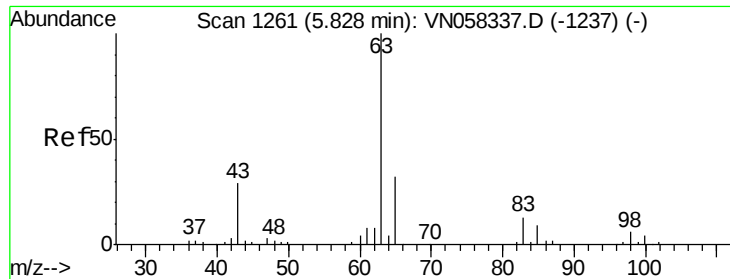
MMDadoda
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#20
Diisopropyl ether
Concen: 19.671 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
43	70.0		54.1	81.1	
87	26.2		21.4	32.2	
59	11.2		9.3	13.9	





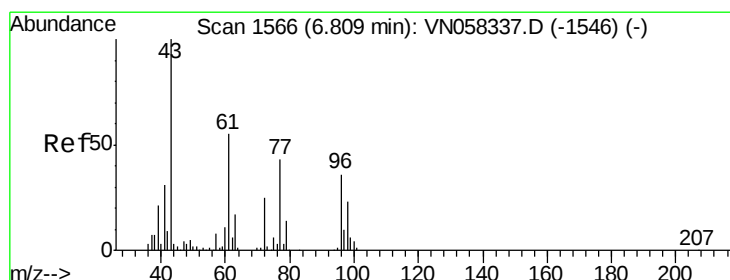
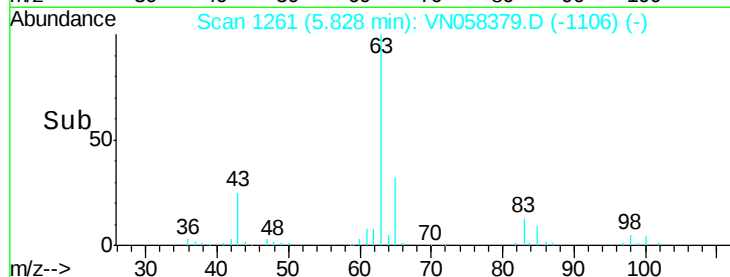
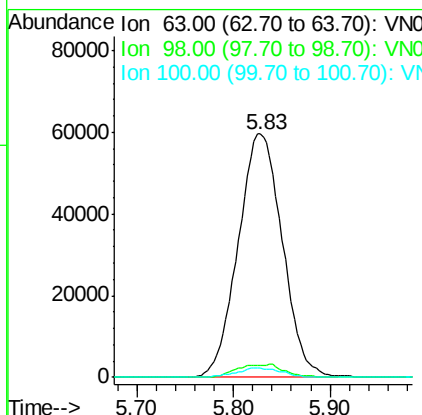
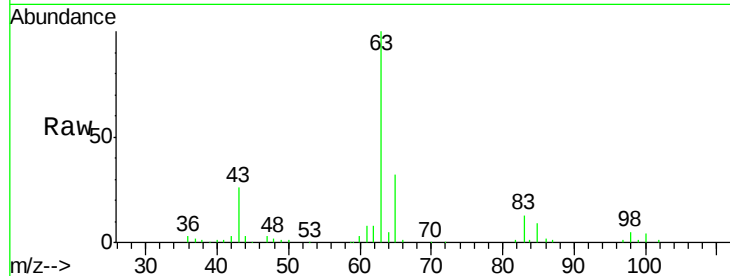
#21
 1,1-Dichloroethane
 Concen: 20.323 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	4.8	3.0	9.2	
100	3.7	2.1	6.5	

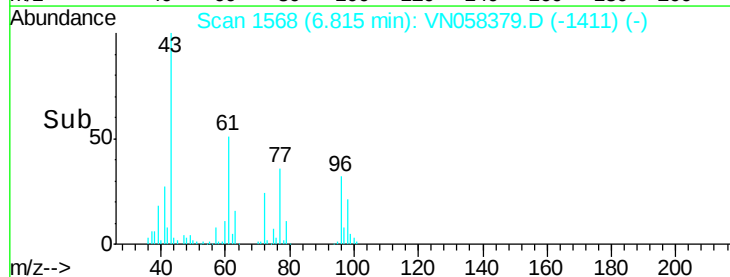
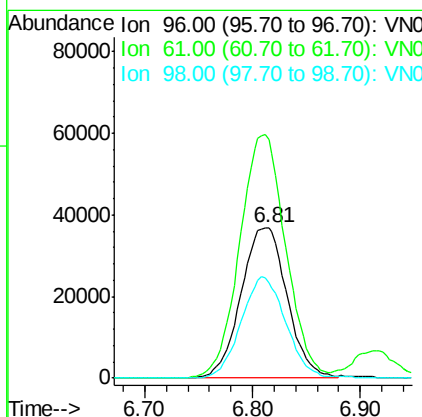
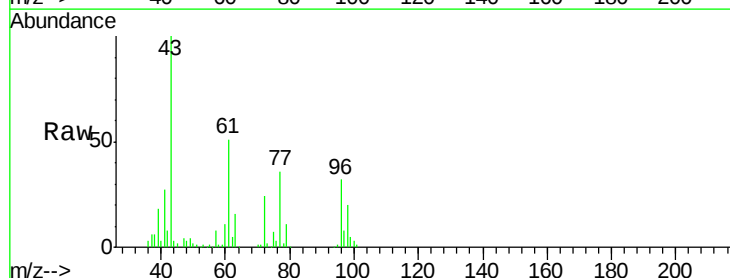
Manual Integrations
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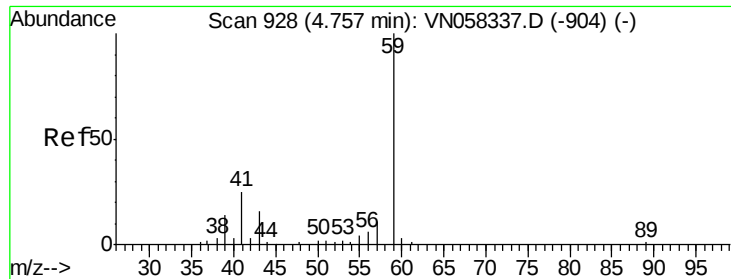
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#22
 cis-1,2-Dichloroethene
 Concen: 20.104 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.1	128.2	192.2	
98	65.0	50.6	76.0	





#23

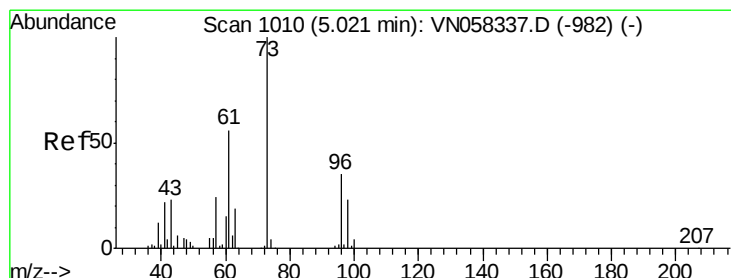
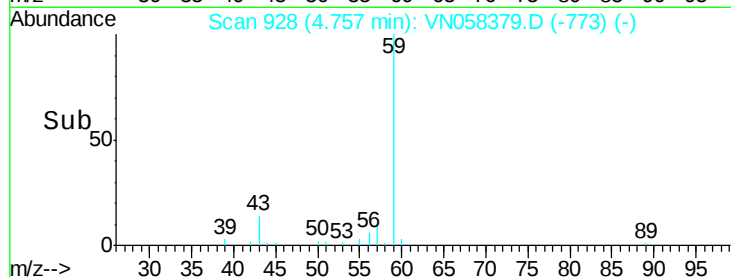
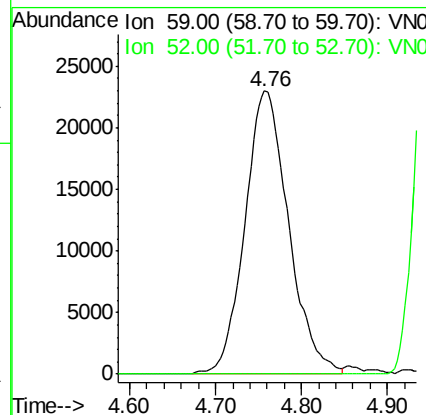
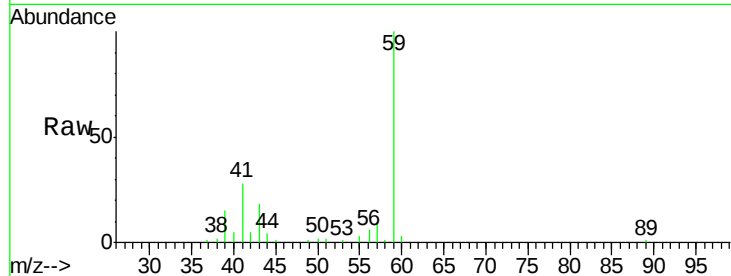
tert-Butyl Alcohol
Concen: 95.628 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

Tot Ion	59	52	Ratio	Lower	Upper
81225	100	0.0		0.1	0.1#

Manual Integrations
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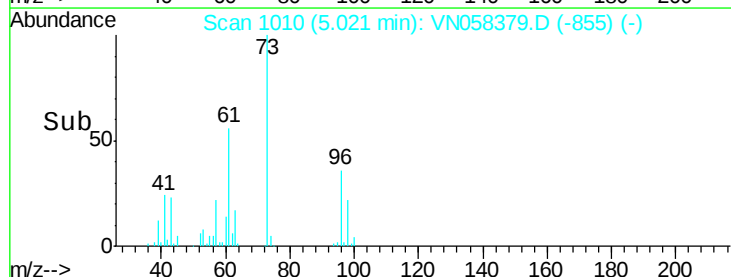
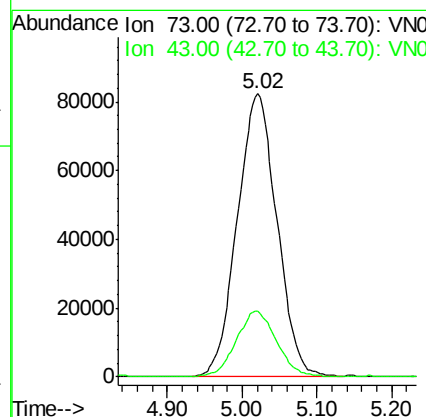
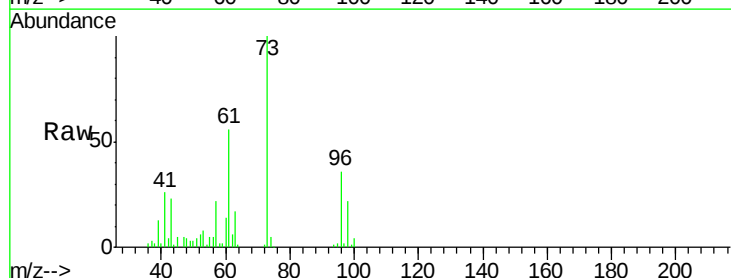
MMDadoda
9/27/2019 11:19:09 AM

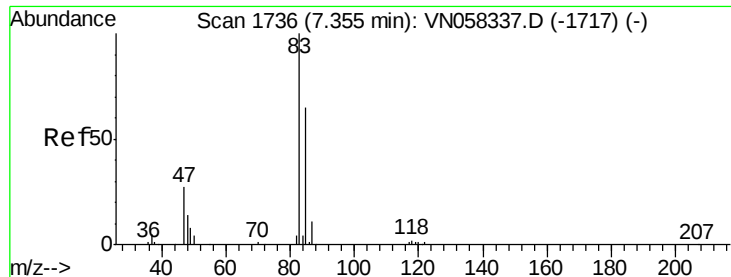


#24

Methyl tert-Butyl Ether
Concen: 20.199 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	73	43	Ratio	Lower	Upper
303350	100	23.1		18.4	27.6





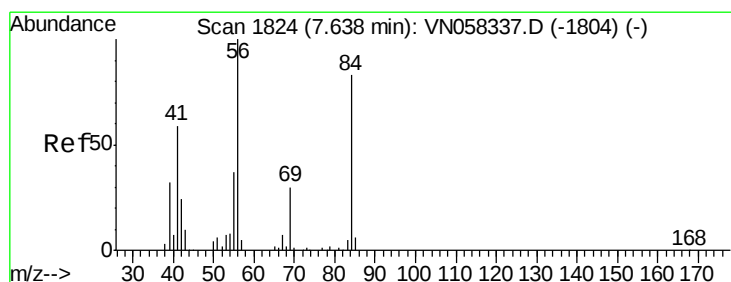
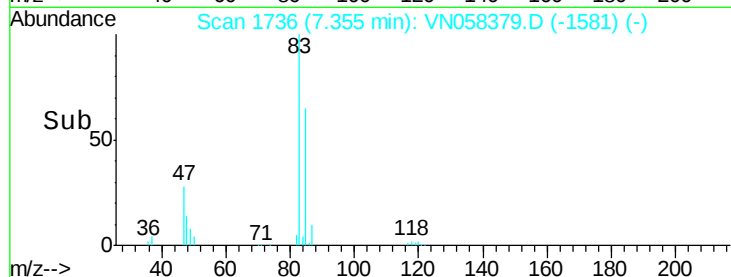
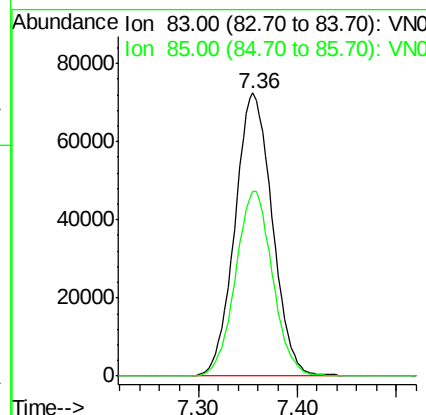
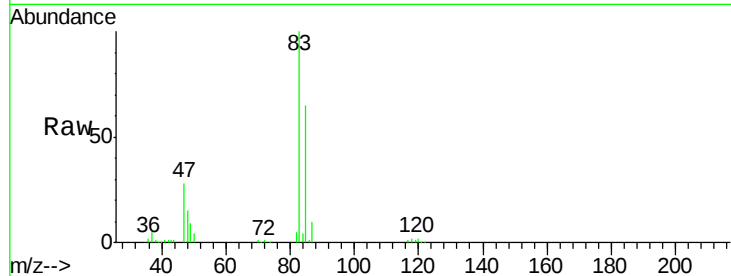
#25
Chloroform
Concen: 20.207 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	83	Resp	190664
Ion Ratio	100	Lower	Upper
83	100		
85	65.4	51.8	77.6

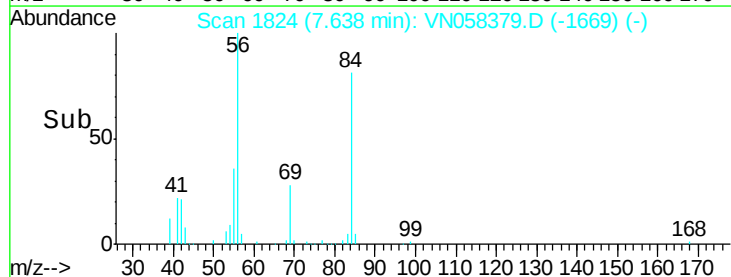
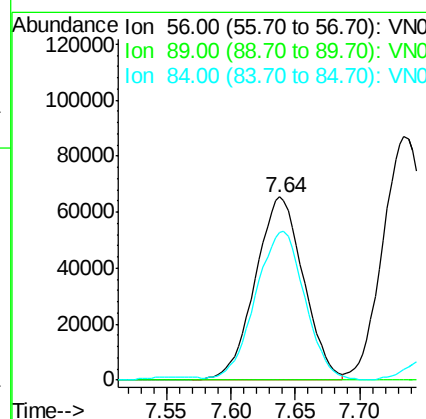
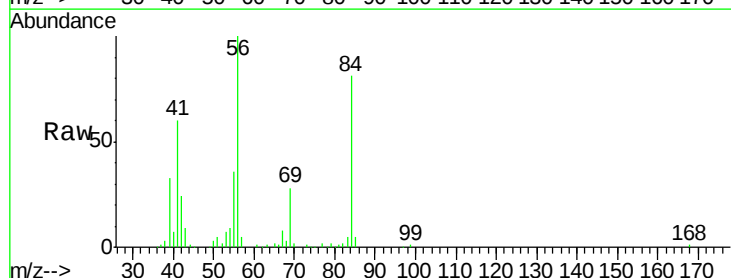
Manual Integrations
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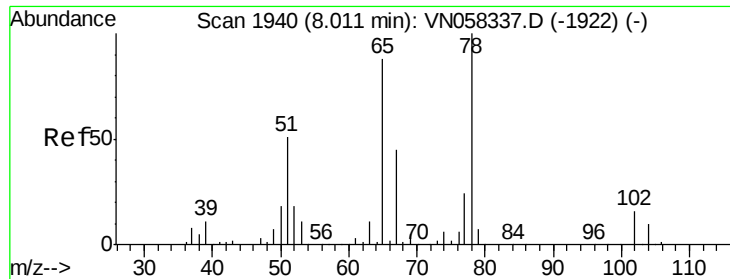
MMDadoda
9/27/2019 11:19:09 AM



#26
Cyclohexane
Concen: 19.610 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	56	Resp	170791
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	82.0	66.9	100.3





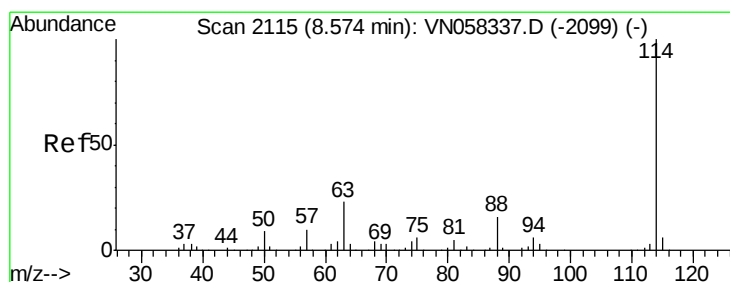
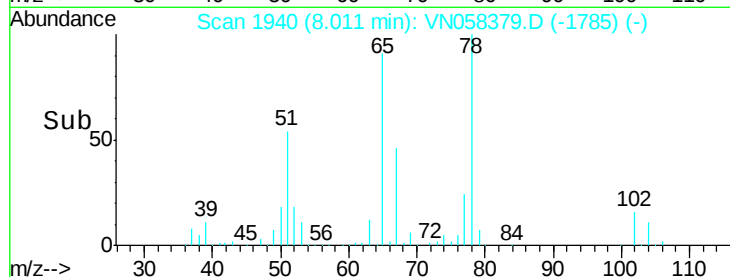
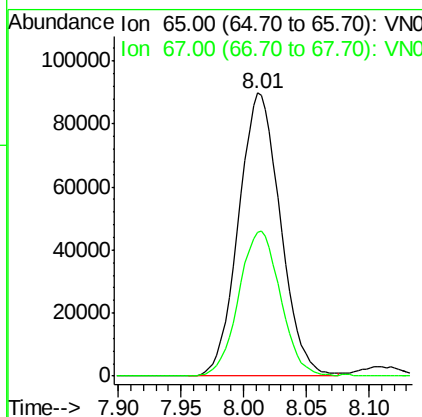
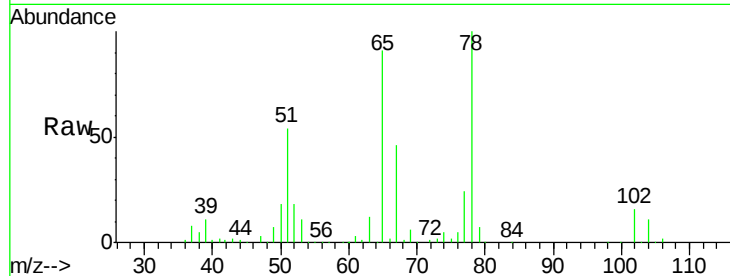
#27
 1,2-Dichloroethane-d4
 Concen: 30.950 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0926WBSD01

Tot Ion: 65 Resp: 208513
 Ion Ratio Lower Upper
 65 100
 67 51.0 40.4 60.6

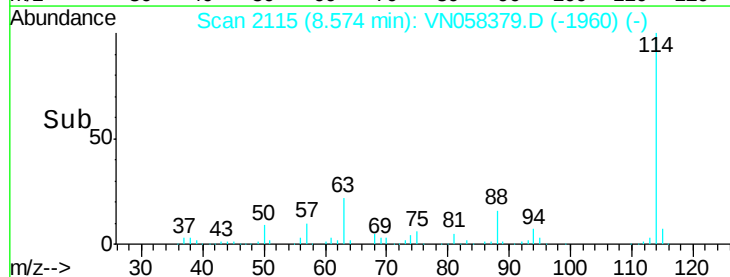
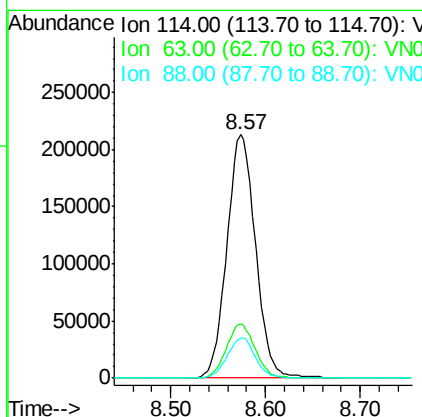
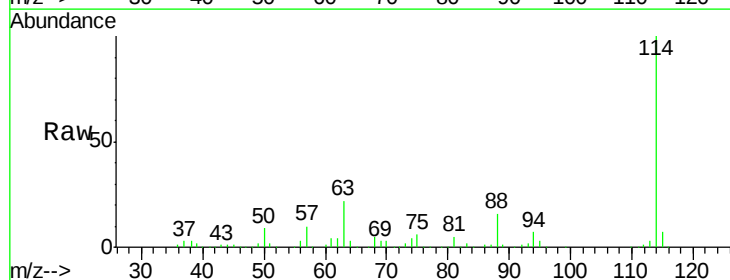
Manual Integrations
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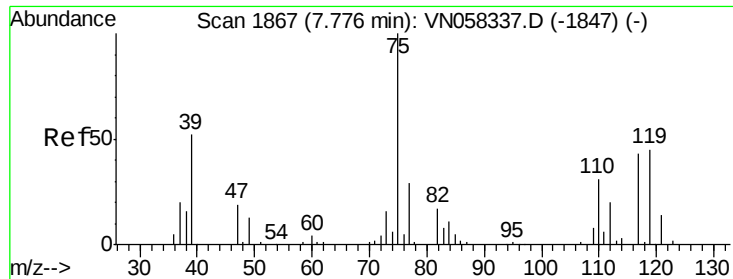
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 114 Resp: 449319
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.8 26.8
 88 16.1 12.7 19.1





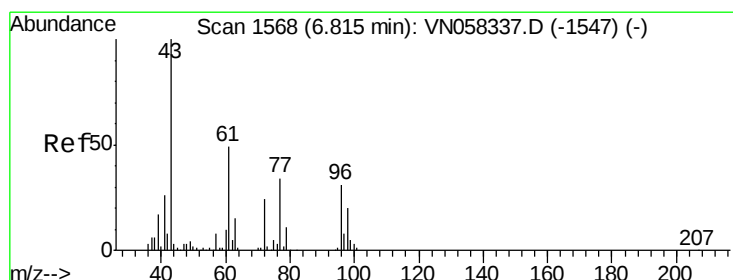
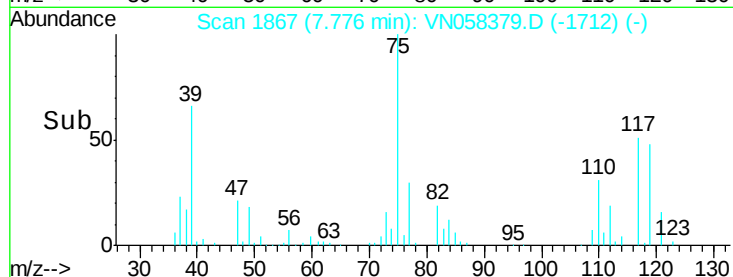
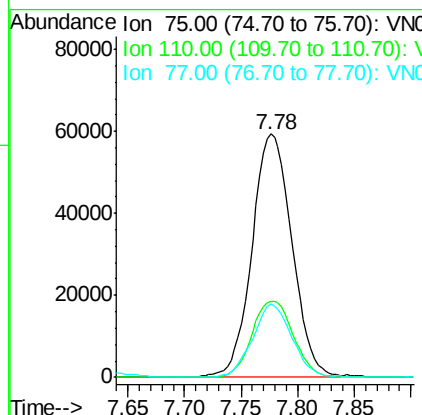
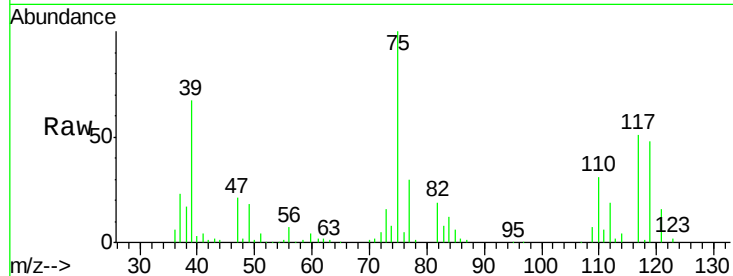
#29
 1,1-Dichloropropene
 Concen: 19.892 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	32.6	0.0	63.6
77	29.0	0.0	59.4

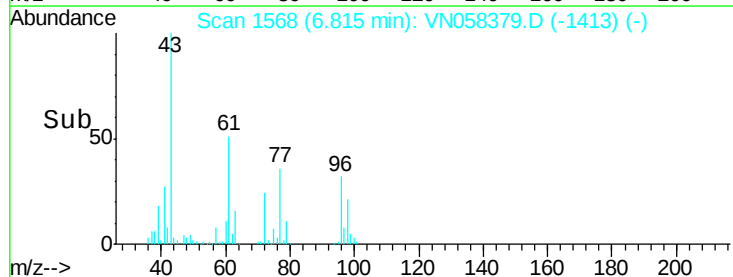
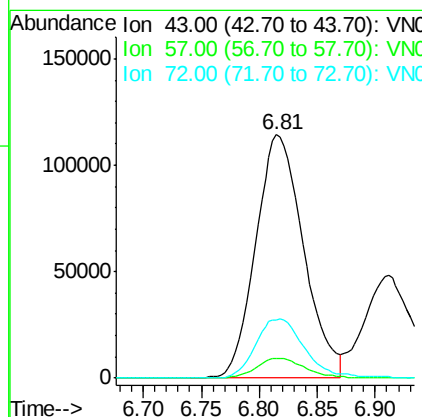
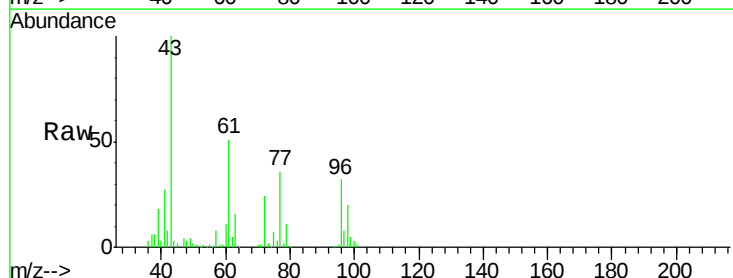
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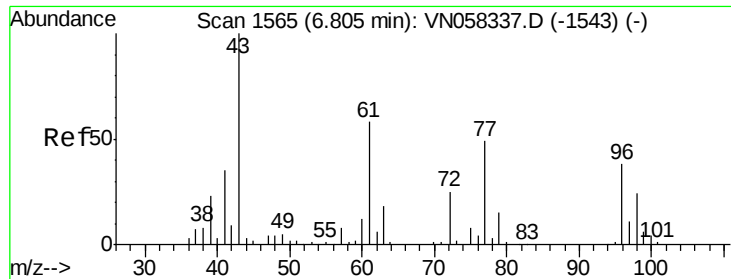
MMDadoda
 9/27/2019 11:19:09 AM



#30
 2-Butanone
 Concen: 97.689 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.2	9.4
72	0.0	20.3	30.5#





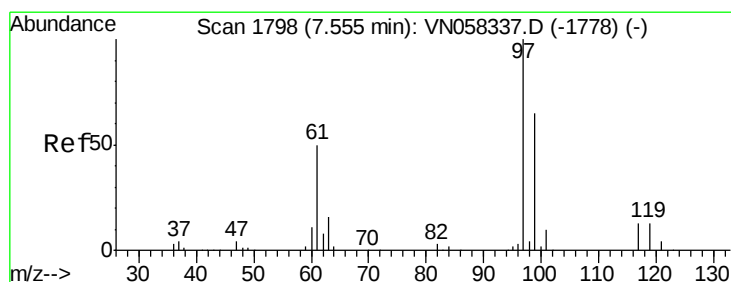
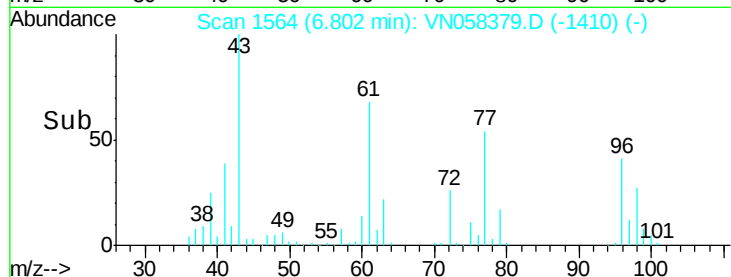
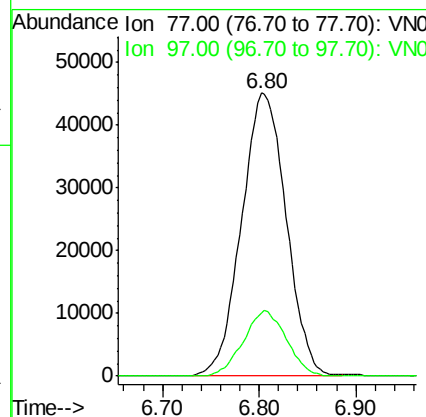
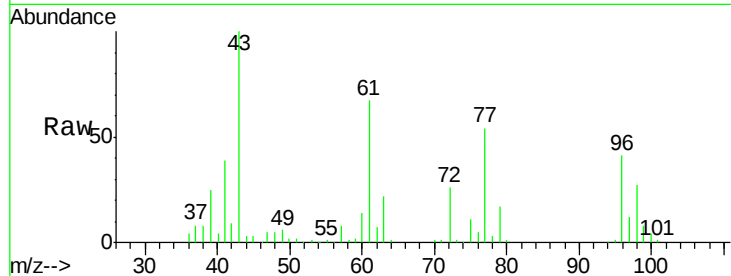
#31
 2,2-Dichloropropane
 Concen: 19.174 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0926WBSD01

Tot Ion: 77 Resp: 144779
 Ion Ratio Lower Upper
 77 100
 97 22.3 17.6 26.4

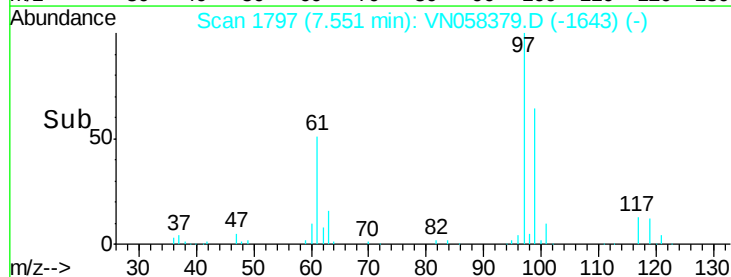
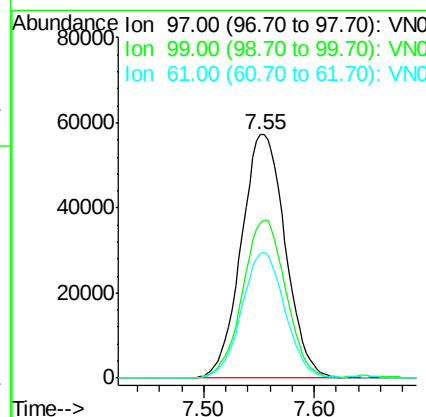
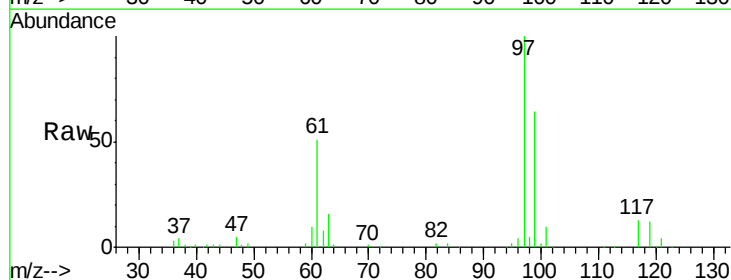
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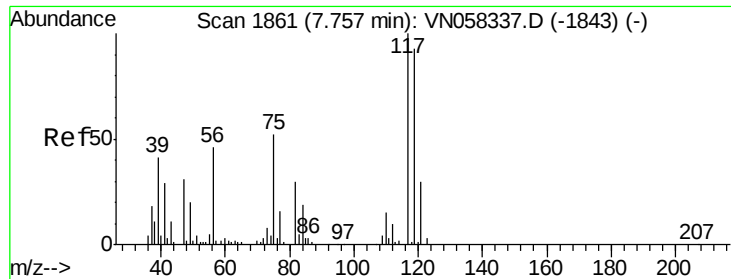
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#32
 1,1,1-Trichloroethane
 Concen: 19.999 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 97 Resp: 158204
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.8 77.6
 61 50.5 39.4 59.2





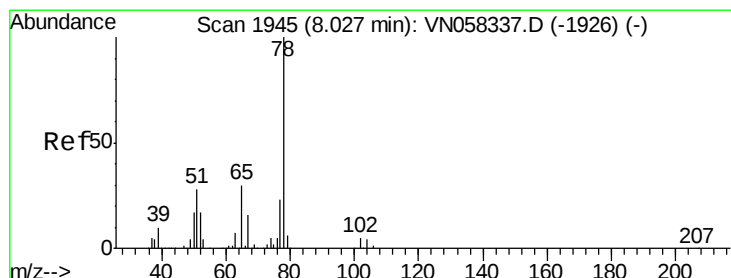
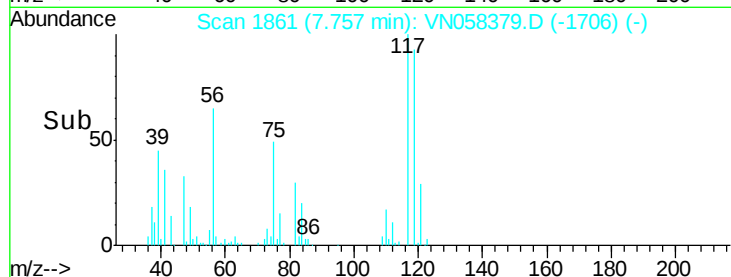
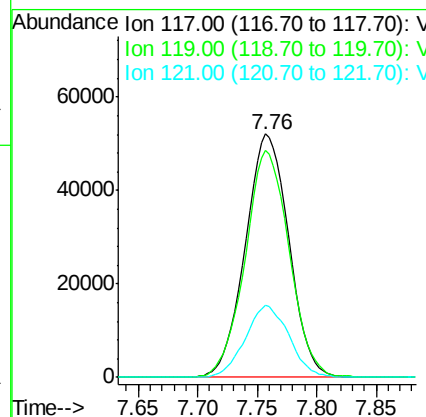
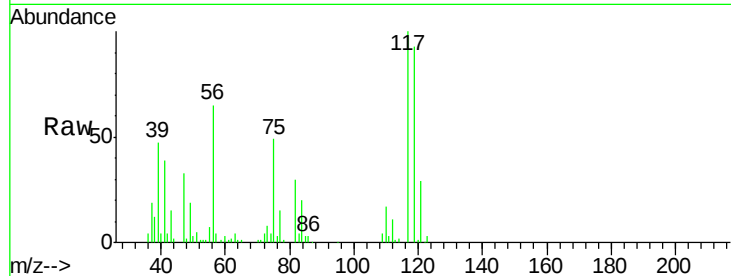
#33
Carbon Tetrachloride
Concen: 19.660 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.2	111.4
121	29.5	23.9	35.9

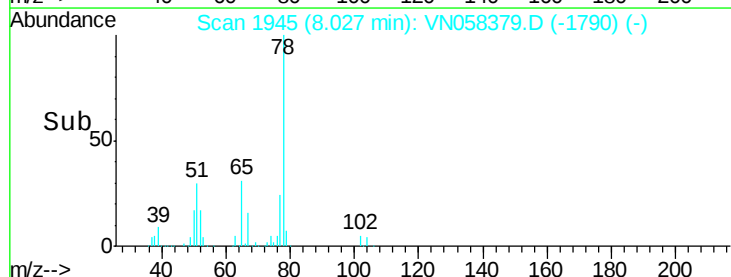
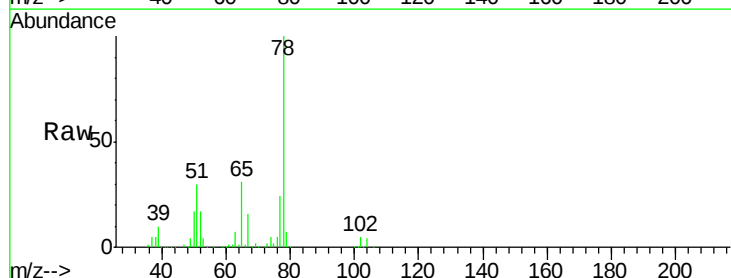
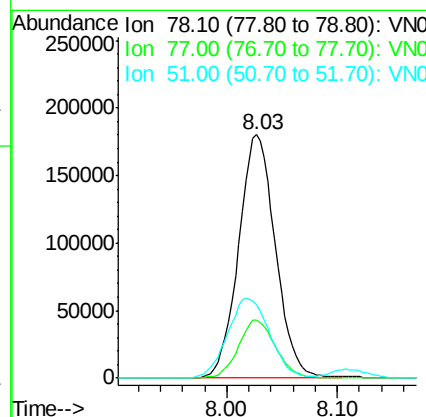
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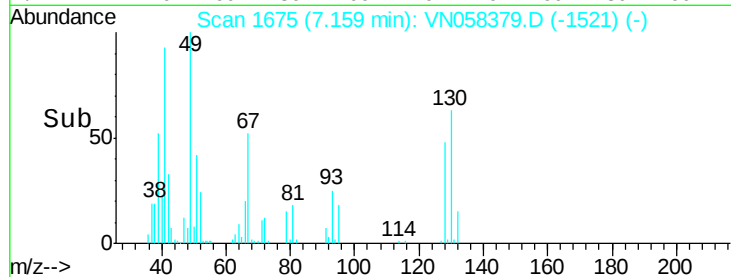
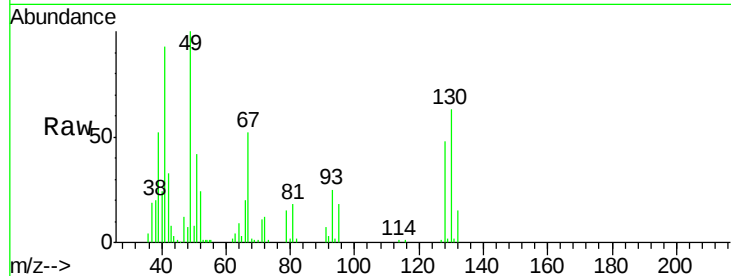
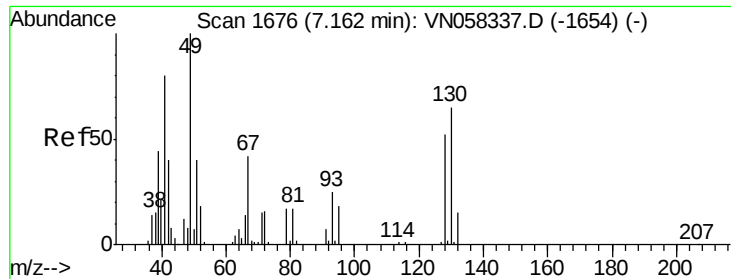
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#34
Benzene
Concen: 20.029 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

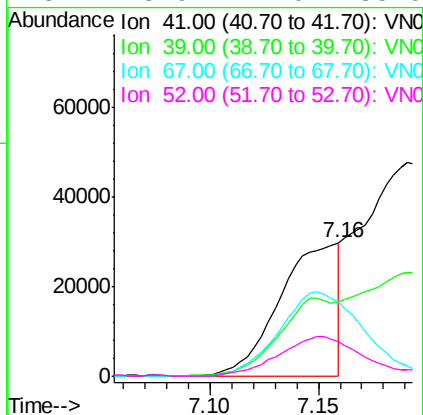
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2
51	29.6	22.4	33.6





#35
Methacrylonitrile
Concen: 19.408 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

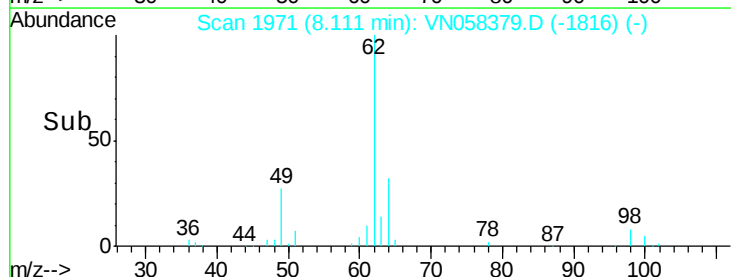
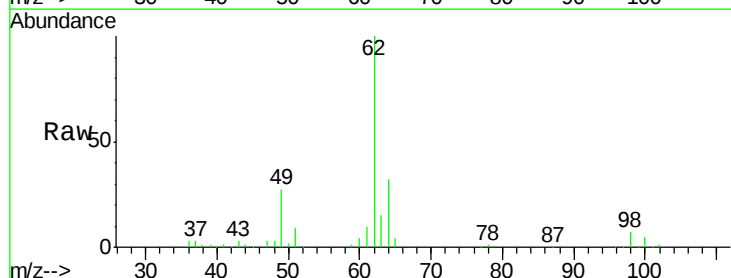
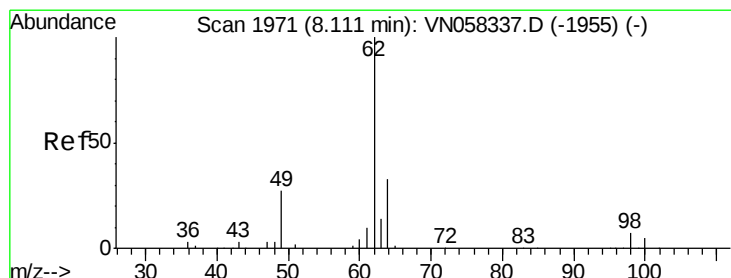
Tot Ion	41	Resp	55591
Ion	Ratio	Lower	Upper
41	100		
39	55.6	27.3	81.9
67	55.6	26.3	78.9
52	25.9	11.0	33.0



Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

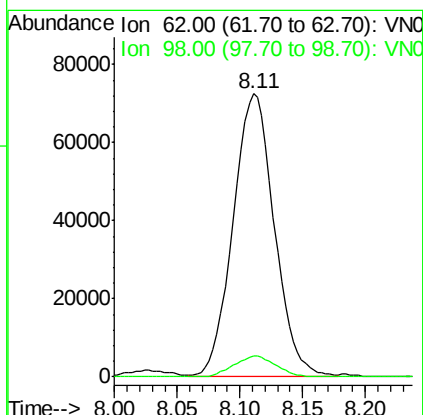
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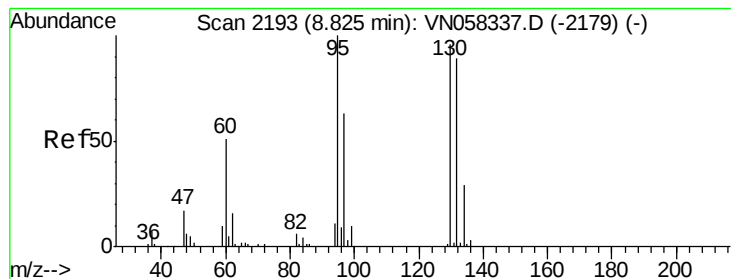
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#36
1,2-Dichloroethane
Concen: 20.326 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	62	Resp	165667
Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.0	9.0





#37

Trichloroethene

Concen: 19.985 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion:130 Resp: 104099

Ion Ratio Lower Upper

130 100

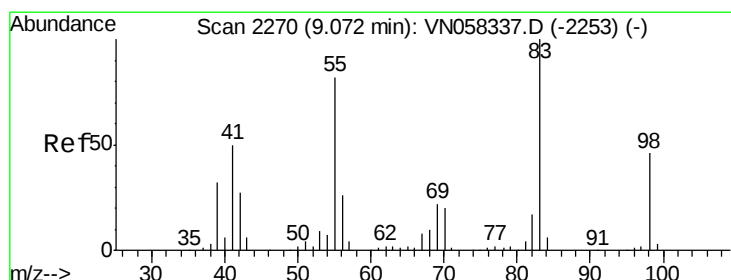
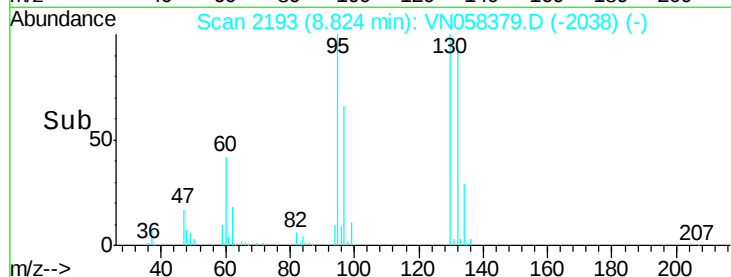
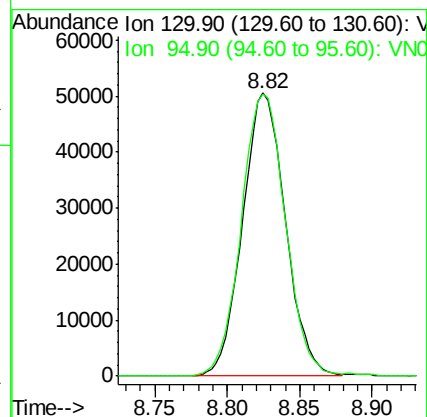
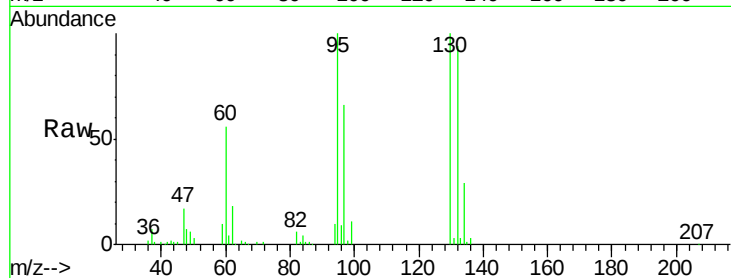
95 99.8 83.3 124.9

Manual Integrations

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#38

Methylcyclohexane

Concen: 19.022 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

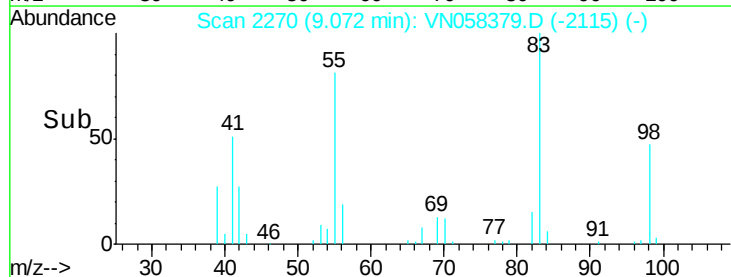
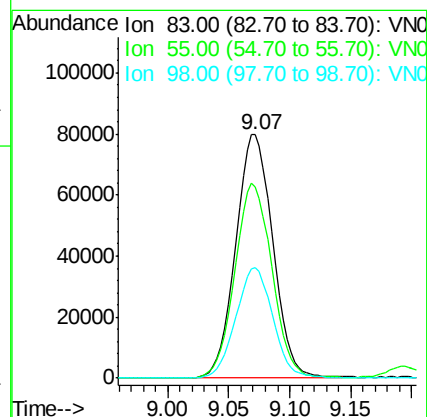
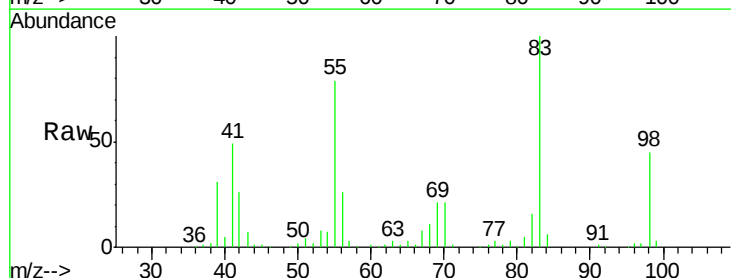
Tgt Ion: 83 Resp: 168698

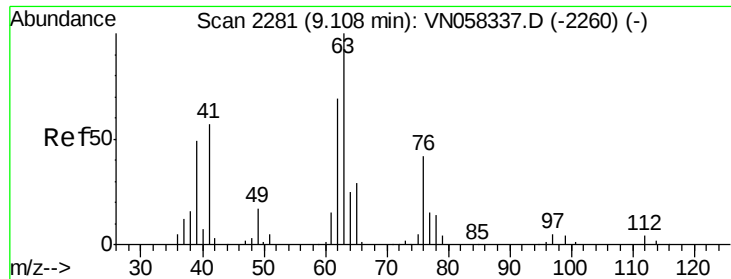
Ion Ratio Lower Upper

83 100

55 80.2 40.5 121.4

98 45.1 23.1 69.2





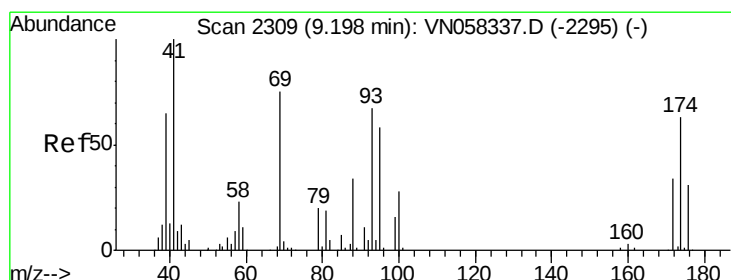
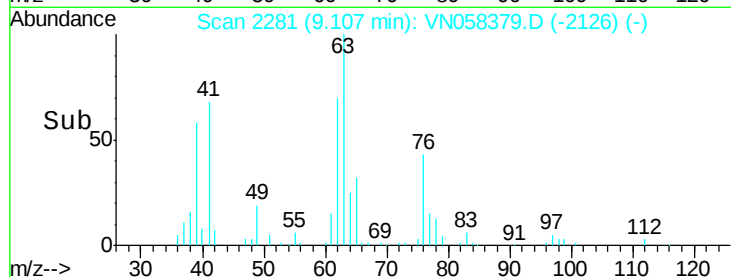
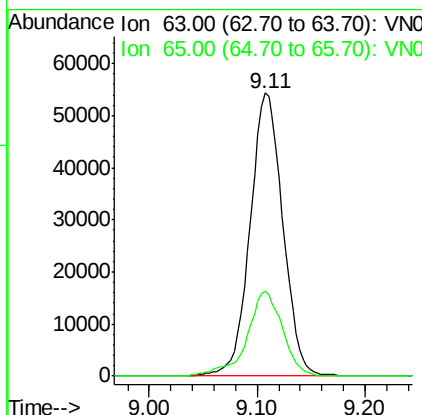
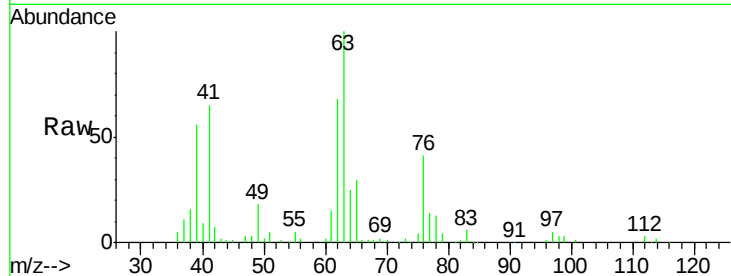
#39
 1,2-Dichloropropane
 Concen: 20.204 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058337.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion: 63 Resp: 114660
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.4 35.0

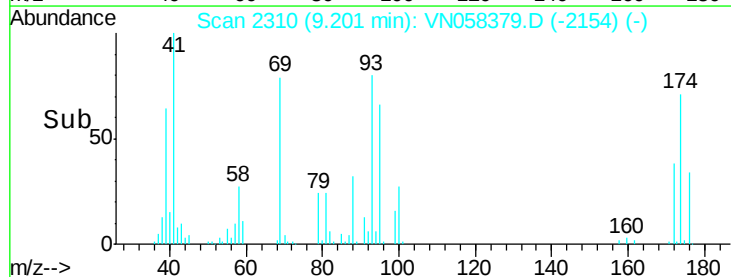
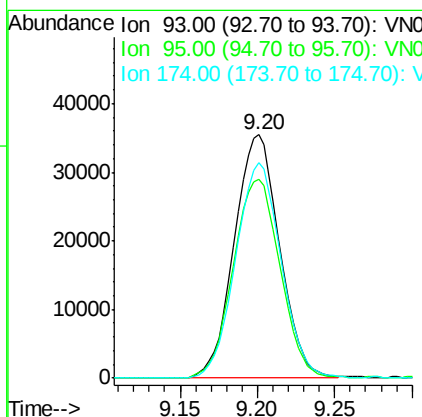
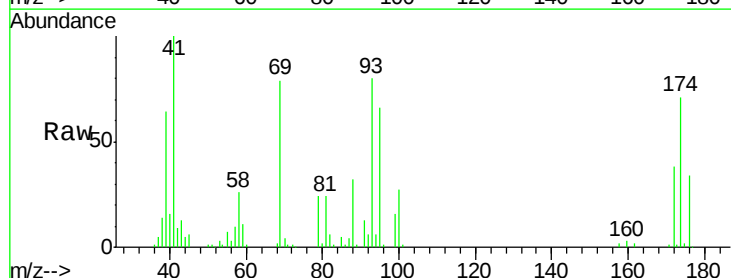
Manual Integrations
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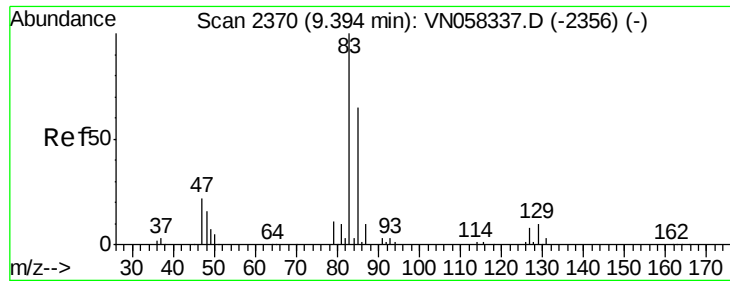
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#40
 Dibromomethane
 Concen: 20.144 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion: 93 Resp: 72153
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 166.8
 174 88.9 0.0 187.2





#41

Bromodichloromethane

Concen: 20.070 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

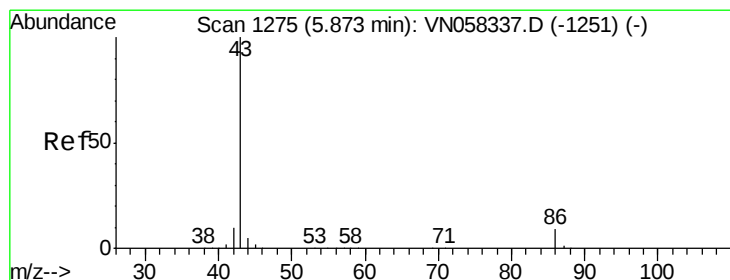
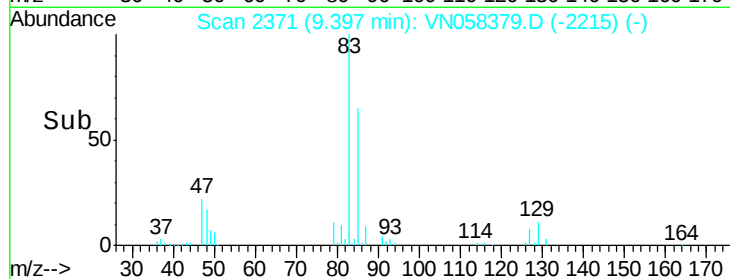
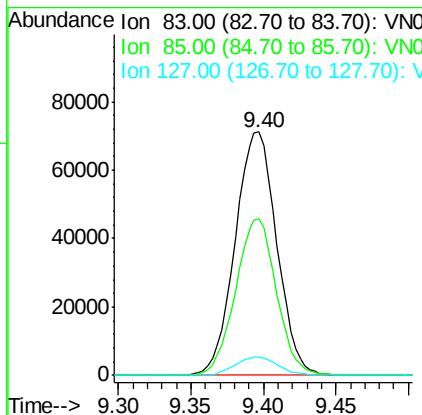
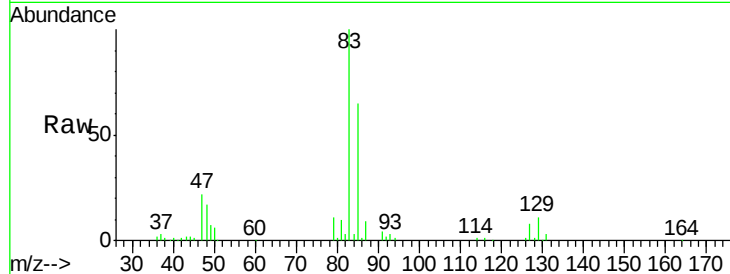
ClientSampleId :

VN0926WBSD01

Tot Ion:	83	Resp:	142093
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.0	78.0
127	7.6	6.1	9.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 107.808 ug/l

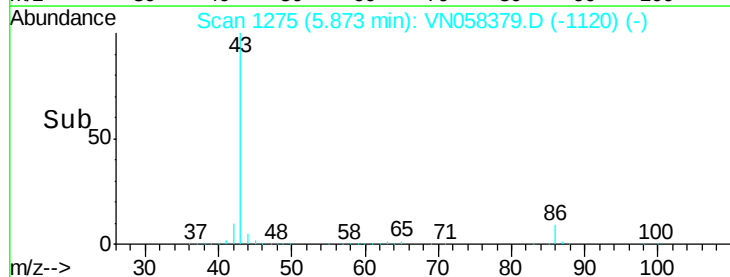
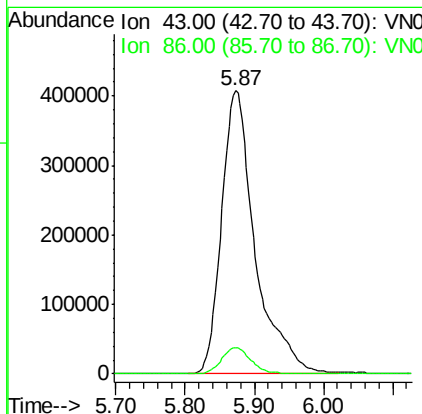
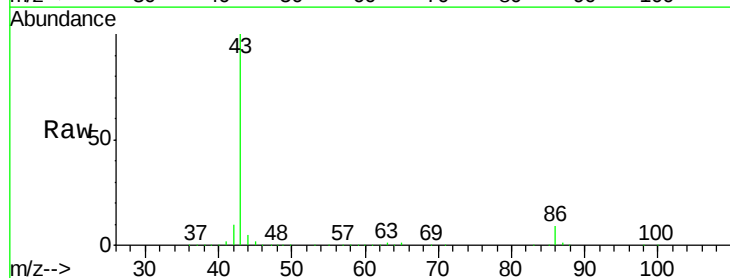
RT: 5.87 min Scan# 1275

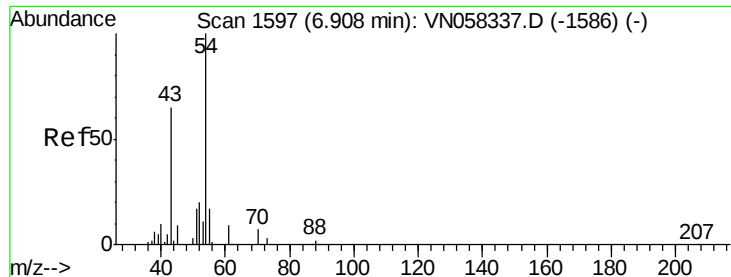
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	43	Resp:	1370817
Ion Ratio	Lower	Upper	
43	100		
86	8.2	6.6	9.8





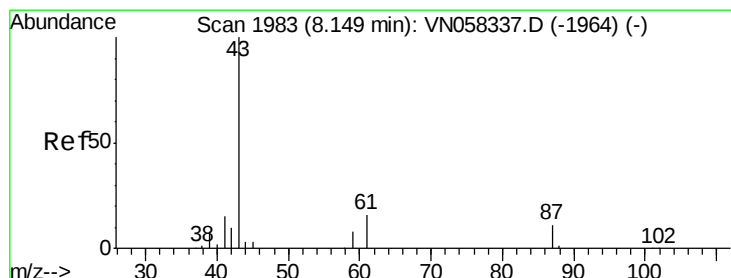
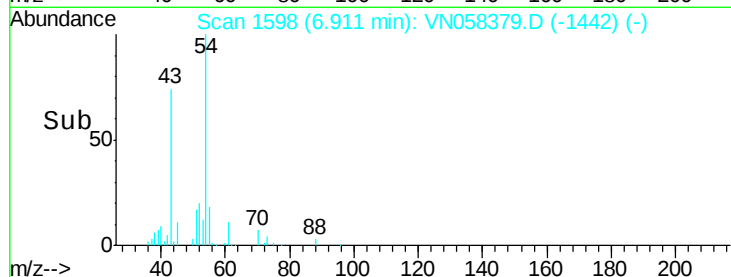
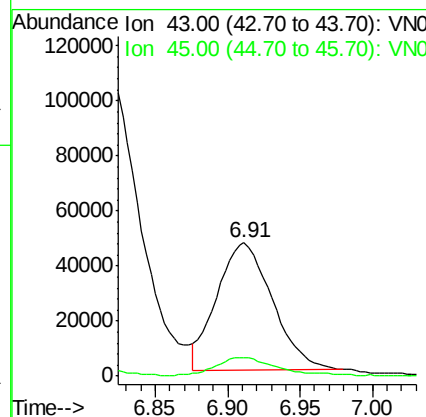
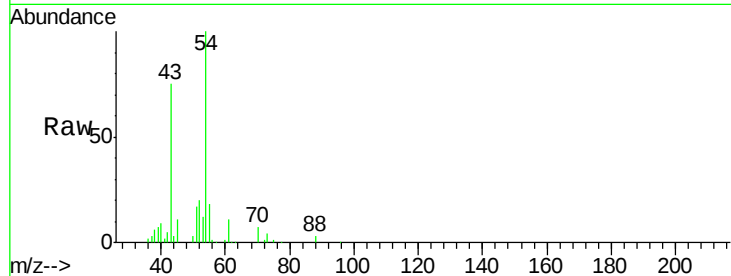
#43
Ethyl Acetate
Concen: 18.585 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	43	45	Ratio	100	14.1	Resp	122886	Lower	9.8	Upper	14.6
Ion											

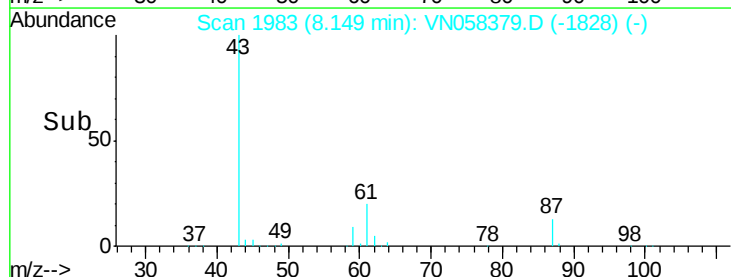
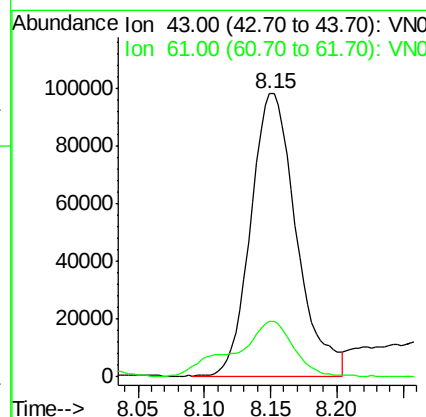
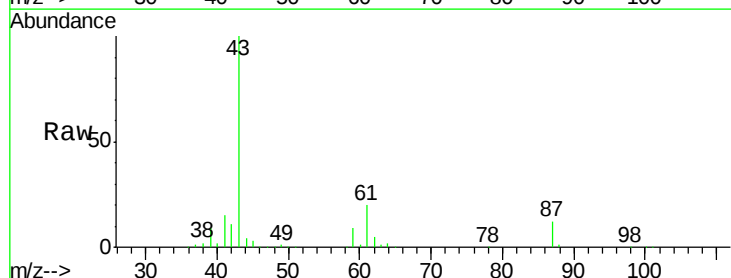
Manual Integrations
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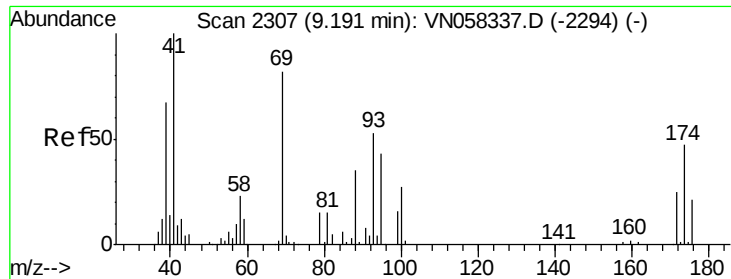
MMDadoda
9/27/2019 11:19:09 AM



#44
Isopropyl Acetate
Concen: 19.781 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	43	61	Ratio	100	17.9	Resp	234139	Lower	14.4	Upper	21.6
Ion											





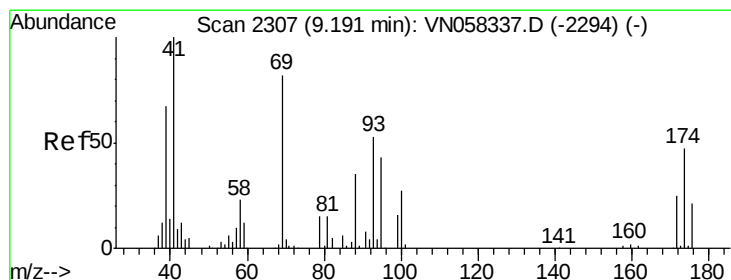
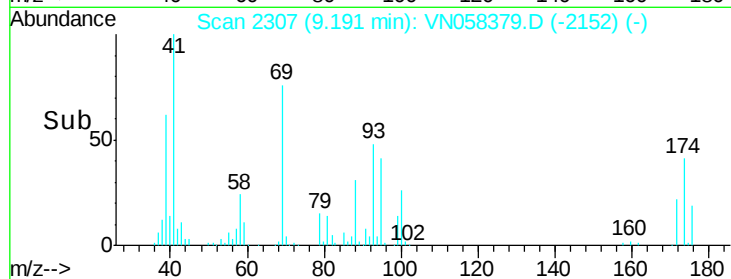
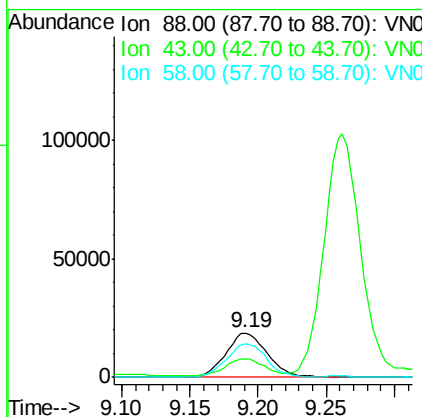
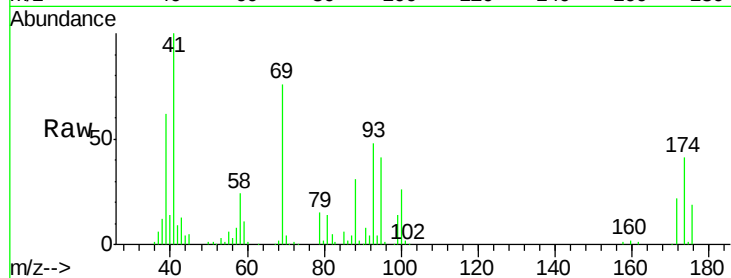
#45
 1,4-Dioxane
 Concen: 394.707 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion	88	Resp	39414
Ion Ratio	Lower	Upper	
88	100		
43	36.9	27.2	40.8
58	73.7	55.4	83.0

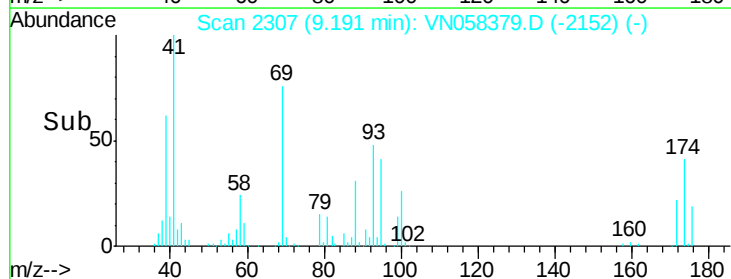
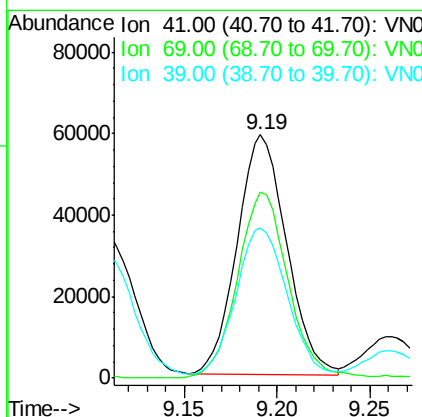
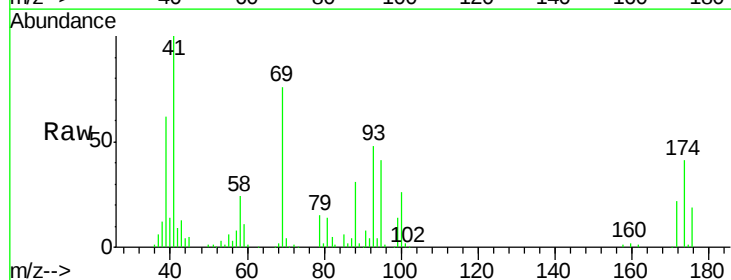
Manual Integrations
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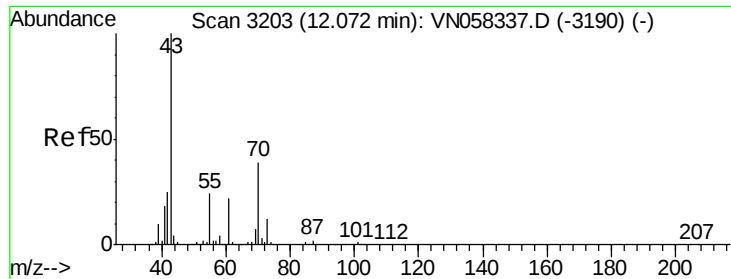
MMDadoda
 9/27/2019 11:19:09 AM



#46
 Methyl methacrylate
 Concen: 19.370 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	41	Resp	108661
Ion Ratio	Lower	Upper	
41	100		
69	77.0	40.9	122.7
39	61.4	33.6	100.6





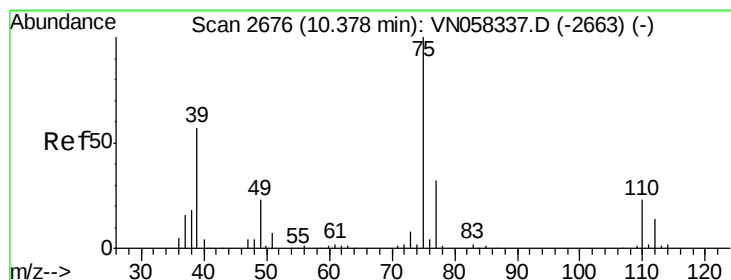
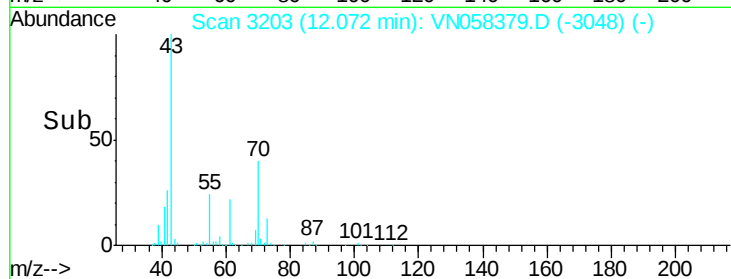
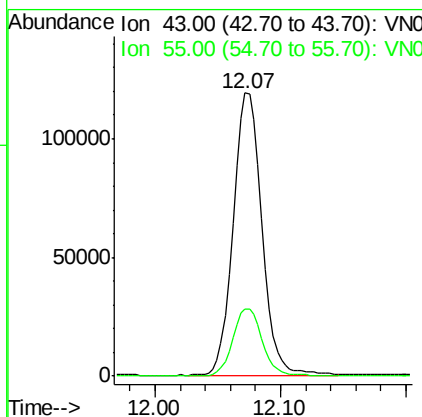
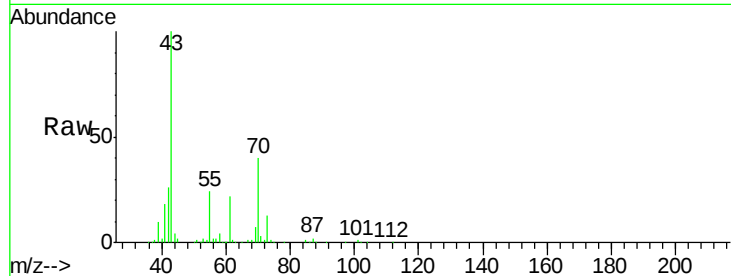
#47
n-amyl Acetate
Concen: 18.309 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

Tot Ion: 43 Resp: 188642
Ion Ratio Lower Upper
43 100
55 24.6 19.0 28.4

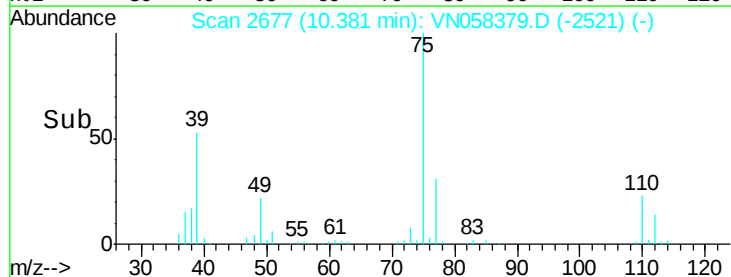
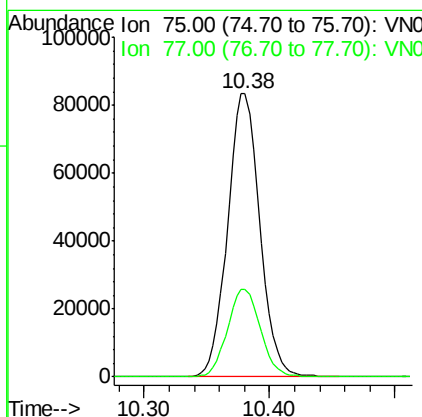
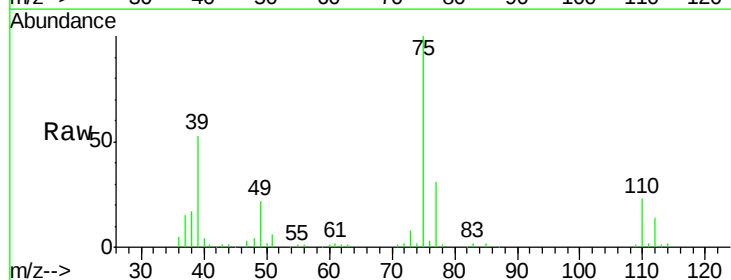
Manual Integrations
APPROVED

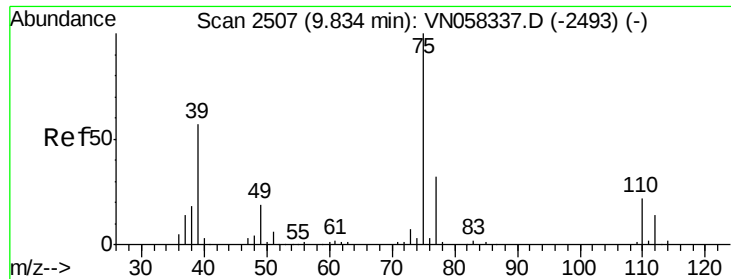
MMDadoda
9/27/2019 11:19:09 AM



#48
t-1,3-Dichloropropene
Concen: 19.217 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 75 Resp: 148662
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0





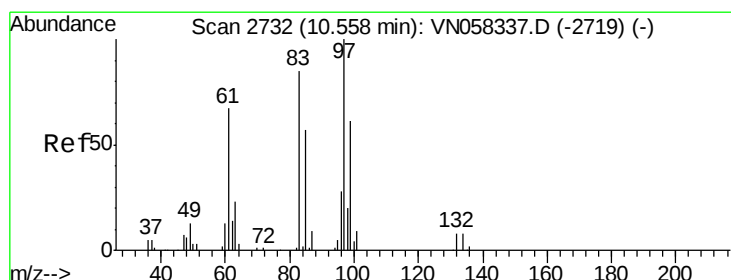
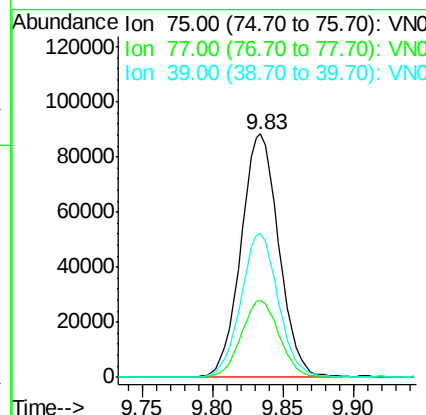
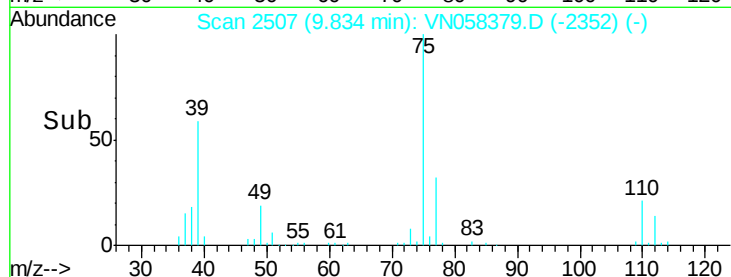
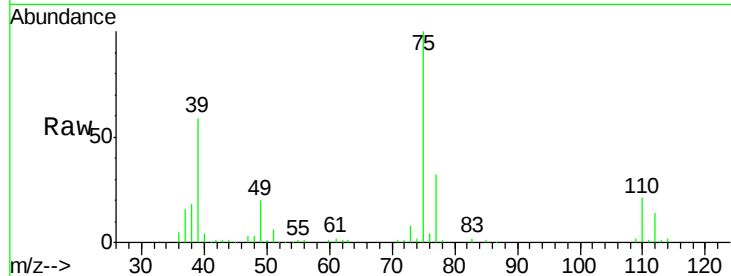
#49
 cis-1,3-Dichloropropene
 Concen: 19.331 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	59.1	45.8	68.6

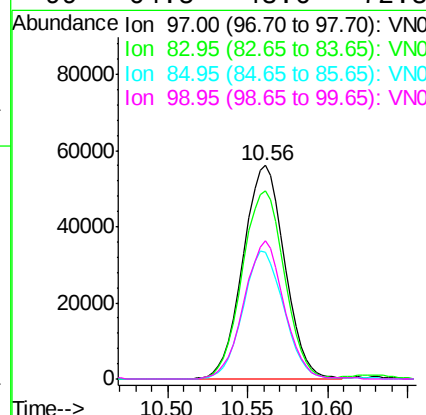
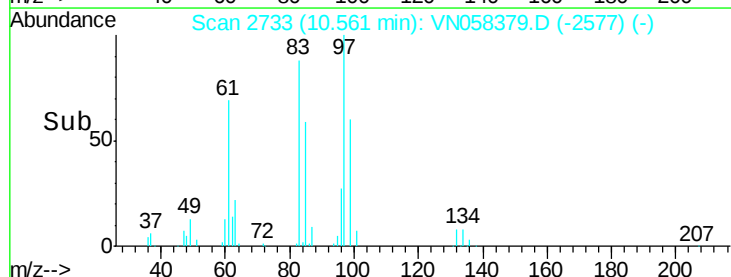
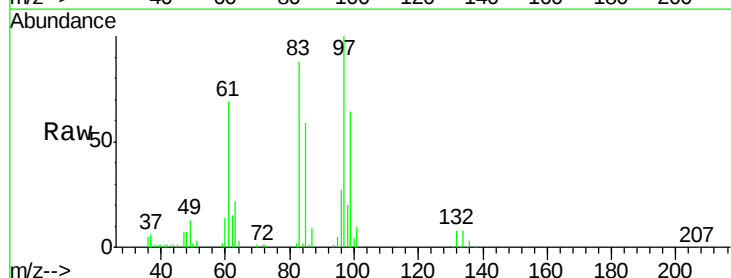
Manual Integrations
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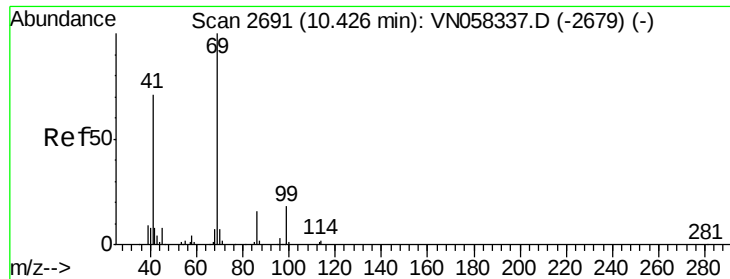
MMDadoda
 9/27/2019 11:19:09 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.041 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	59.2	45.8	68.6
99	64.5	48.6	72.8





#51

Ethyl methacrylate

Concen: 19.269 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

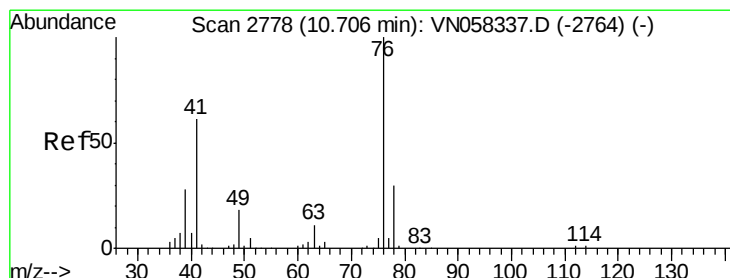
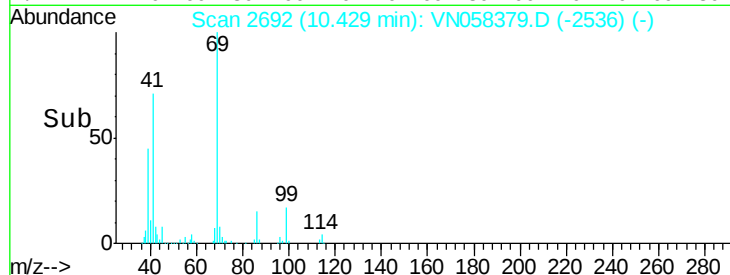
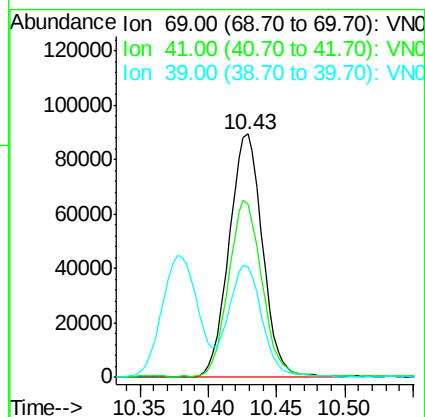
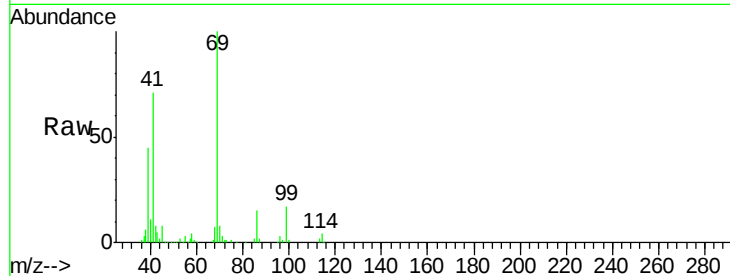
ClientSampled :

VN0926WBSD01

Tot Ion:	69	Resp:	152612
Ion Ratio	Lower	Upper	
69	100		
41	70.7	35.4	106.1
39	45.1	23.5	70.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.986 ug/l

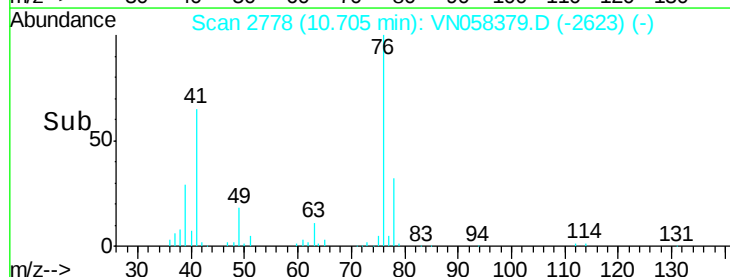
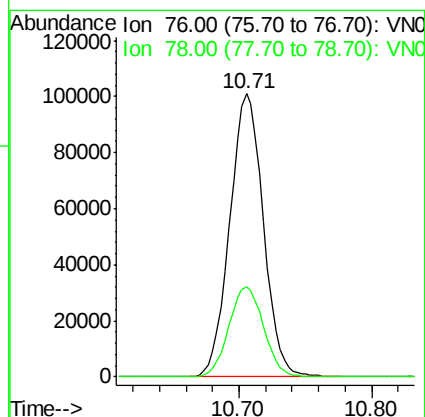
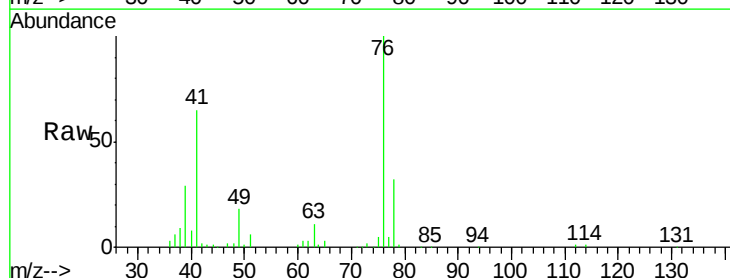
RT: 10.71 min Scan# 2778

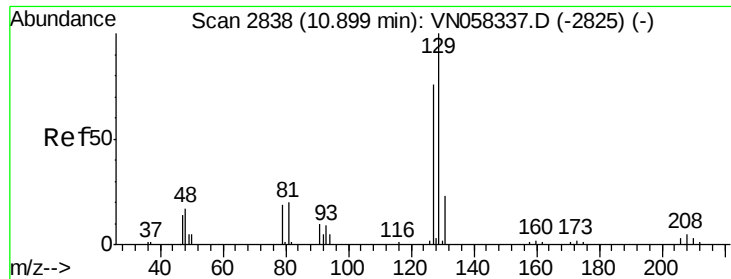
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	76	Resp:	177688
Ion Ratio	Lower	Upper	
76	100		
78	33.1	0.0	63.0





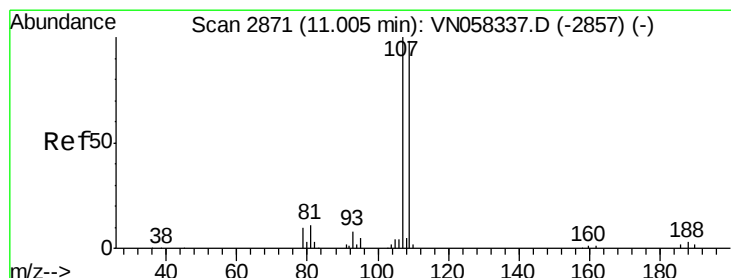
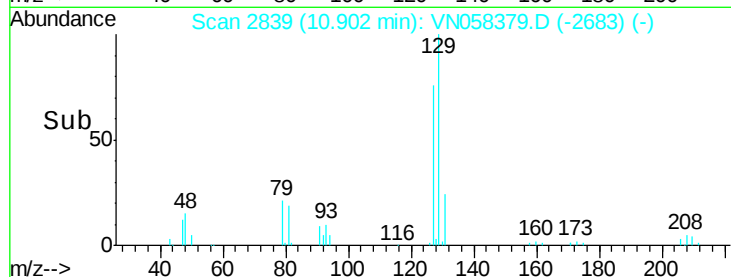
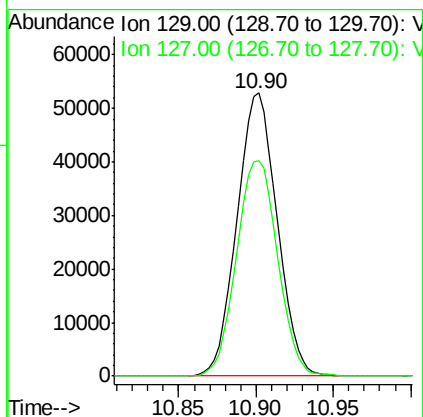
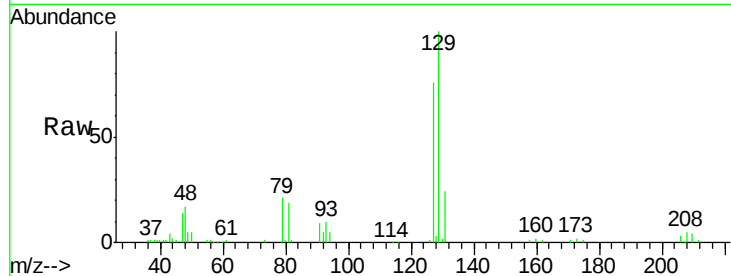
#53
 Dibromochloromethane
 Concen: 18.999 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion:129 Resp: 95547
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.4 115.2

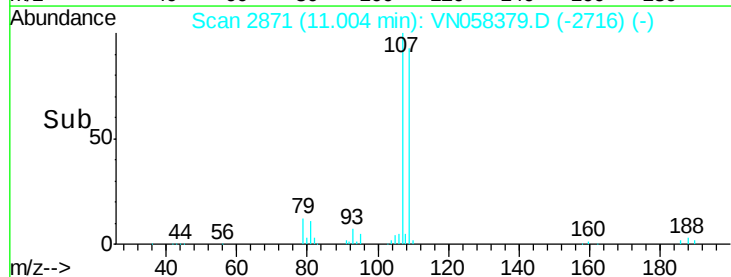
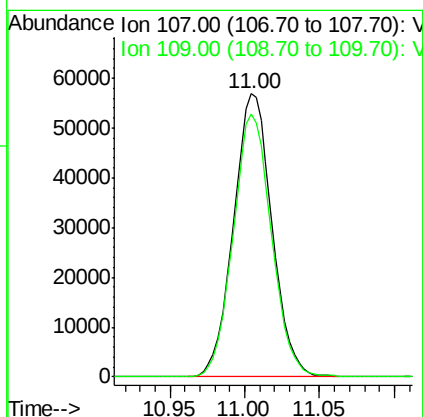
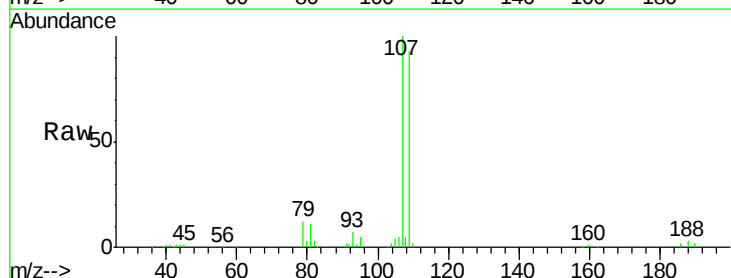
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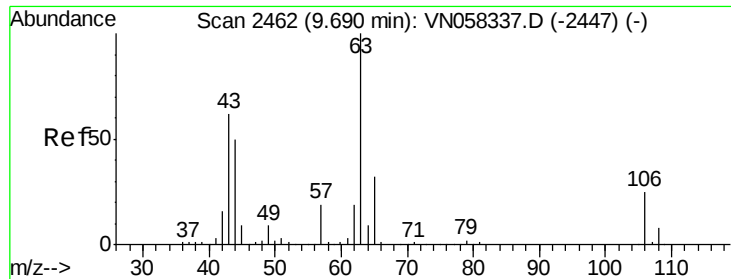
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#54
 1,2-Dibromoethane
 Concen: 19.932 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion:107 Resp: 101821
 Ion Ratio Lower Upper
 107 100
 109 92.5 76.5 114.7





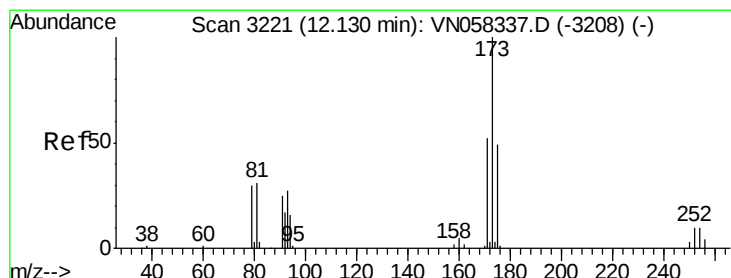
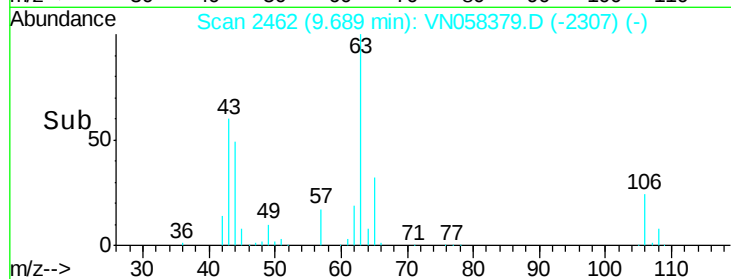
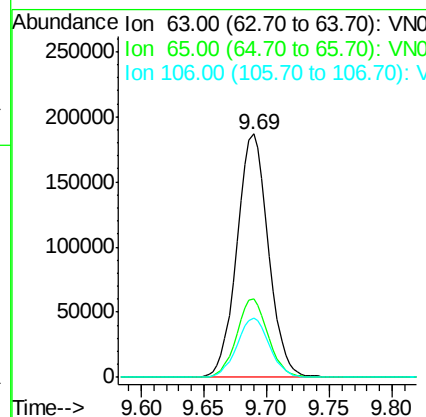
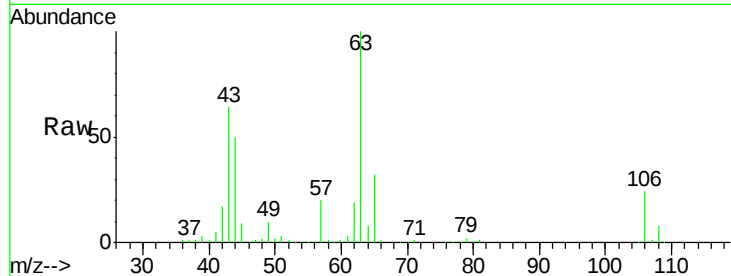
#55
2-Chloroethyl vinyl ether
Concen: 97.101 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.4	38.2
106	25.0	20.4	30.6

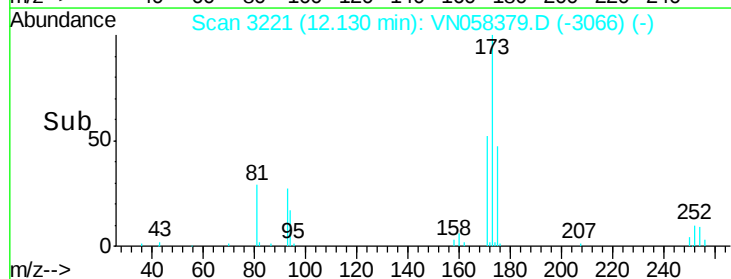
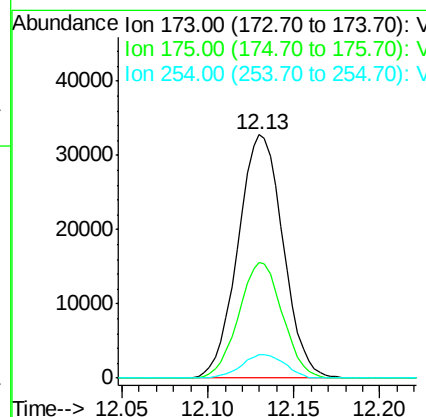
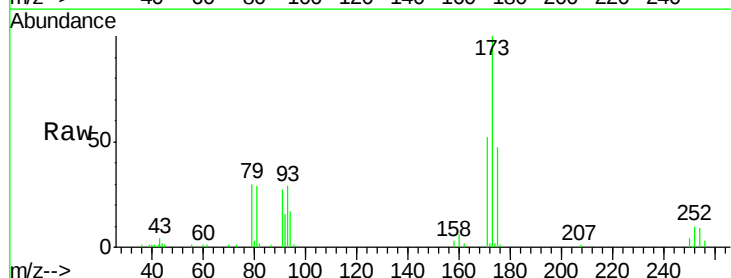
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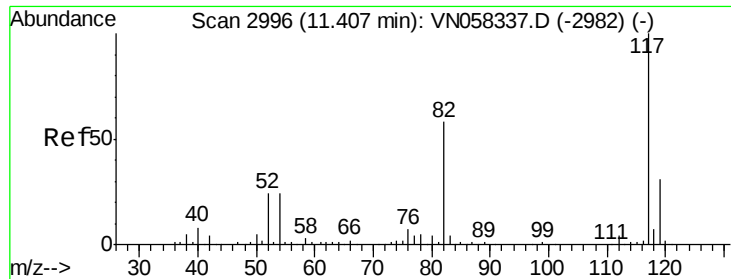
MMDadoda
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#56
Bromoform
Concen: 18.820 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.1	38.8	58.2
254	9.2	7.8	11.8





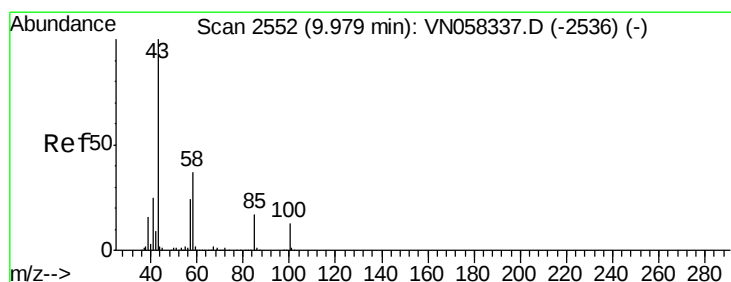
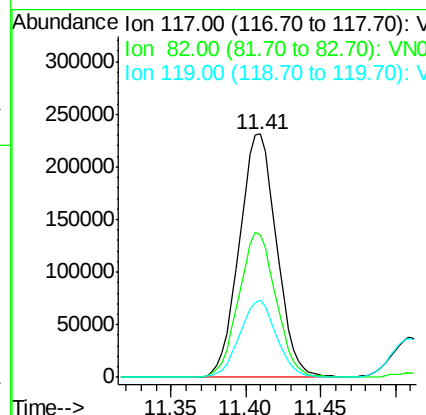
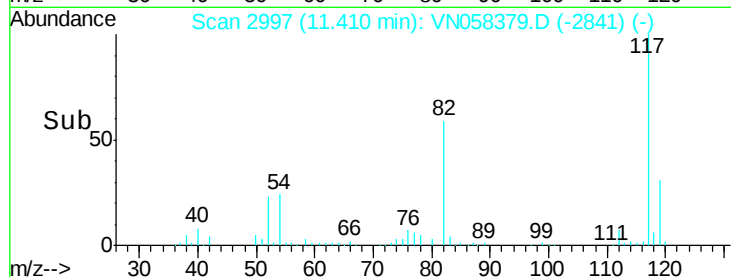
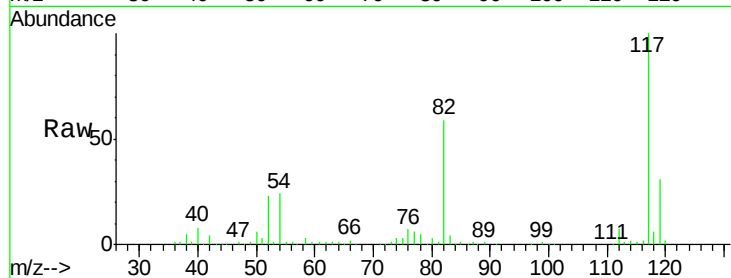
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.4	69.6
119	31.3	25.1	37.7

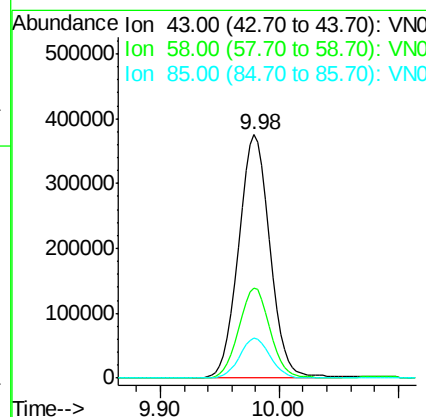
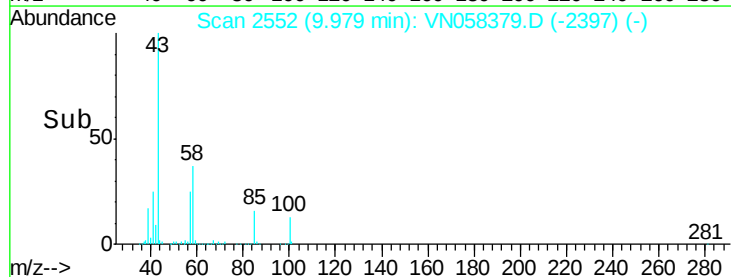
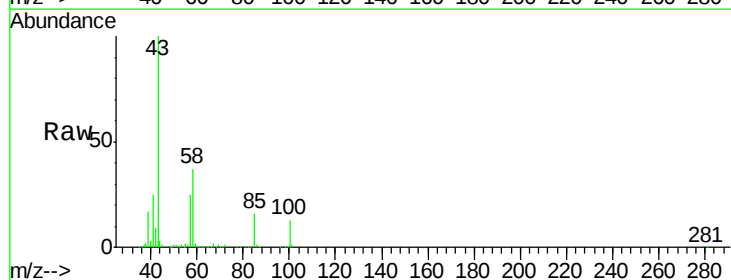
Manual Integrations
APPROVED

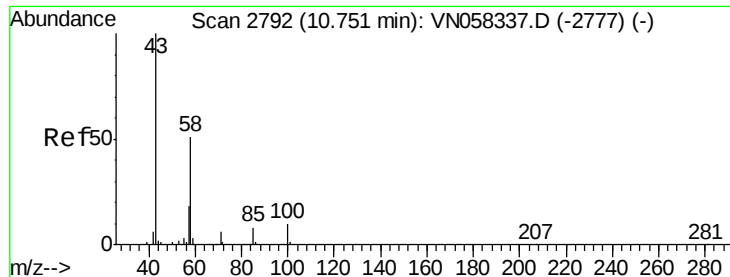
MMDadoda
9/27/2019 11:19:09 AM



#58
4-Methyl-2-Pentanone
Concen: 108.184 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.3	43.9
85	16.2	13.1	19.7





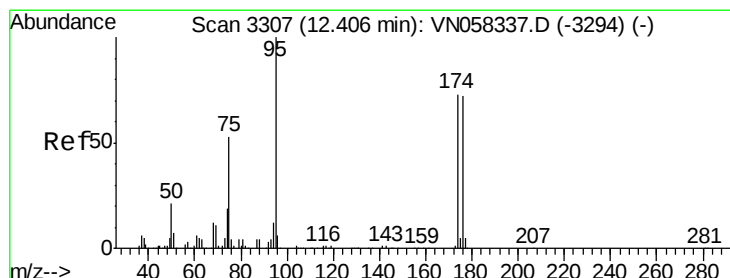
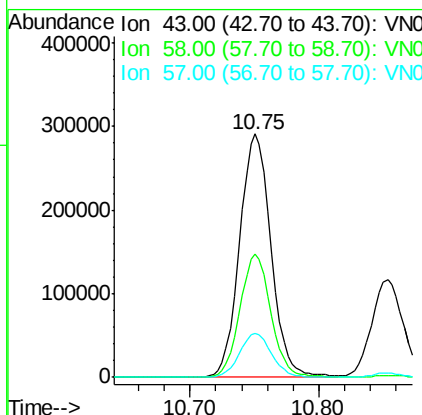
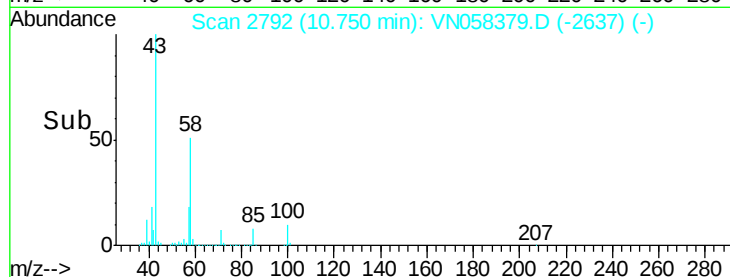
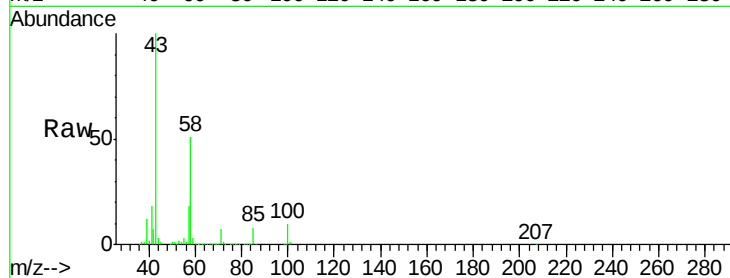
#59
2-Hexanone
Concen: 102.784 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion:	43	Resp:	489802
Ion	Ratio	Lower	Upper
43	100		
58	50.2	40.7	61.1
57	18.6	14.7	22.1

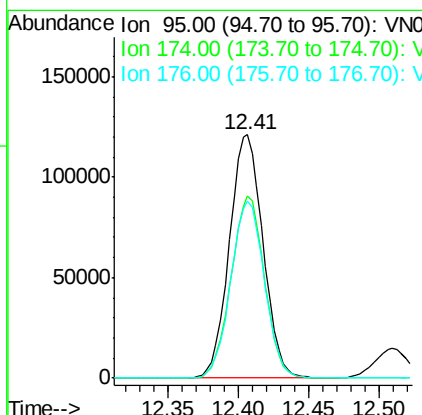
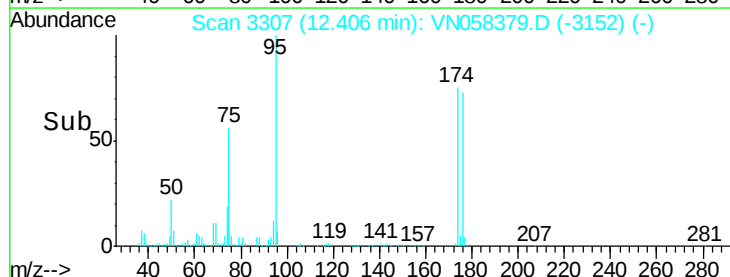
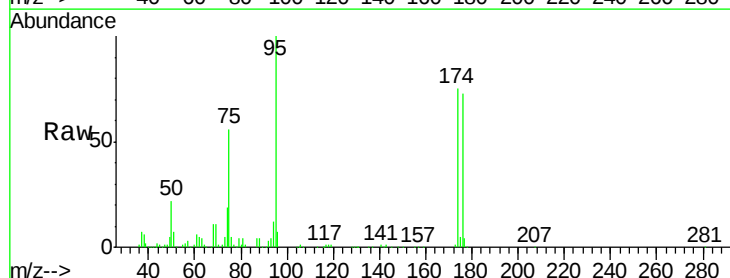
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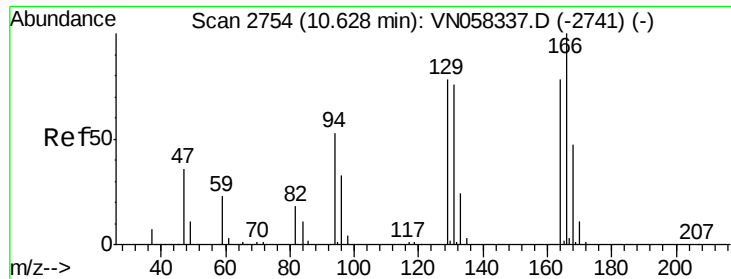
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.039 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion:	95	Resp:	202135
Ion	Ratio	Lower	Upper
95	100		
174	74.2	59.0	88.6
176	73.0	58.2	87.2





#61

Tetrachloroethene

Concen: 19.819 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion:164 Resp: 83530

Ion Ratio Lower Upper

164 100

166 123.8 102.6 154.0

129 99.7 79.8 119.6

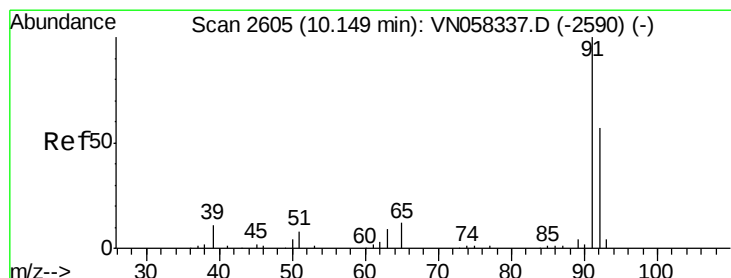
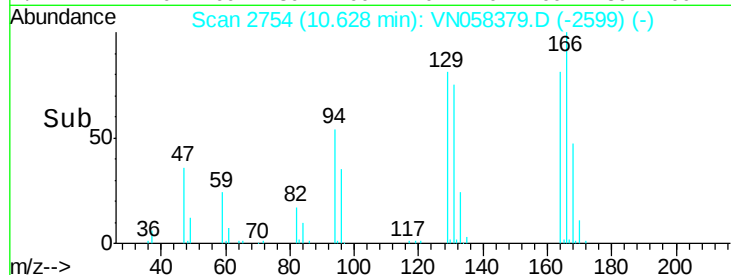
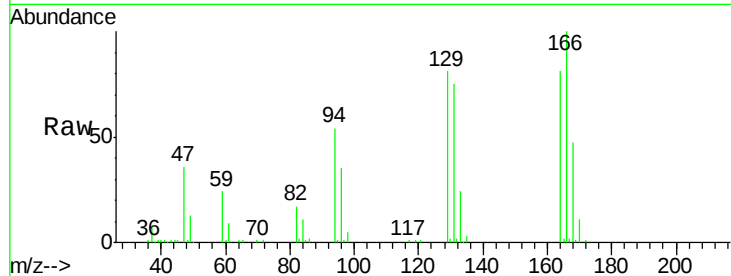
131 93.4 78.1 117.1

Manual Integrations

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#62

Toluene

Concen: 20.645 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058379.D

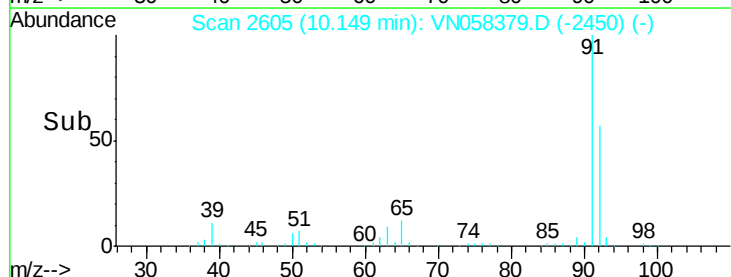
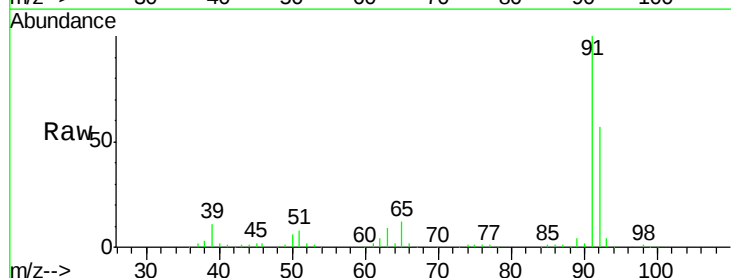
Acq: 26 Sep 2019 12:45

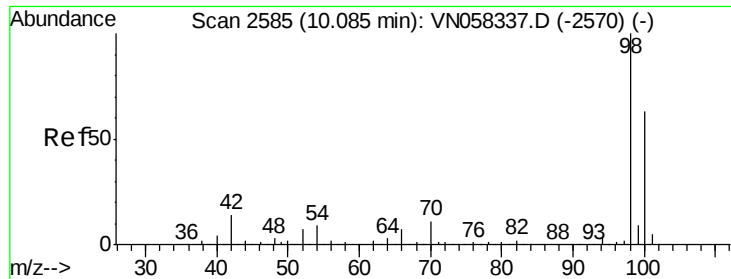
Tgt Ion: 91 Resp: 454861

Ion Ratio Lower Upper

91 100

92 56.3 45.5 68.3





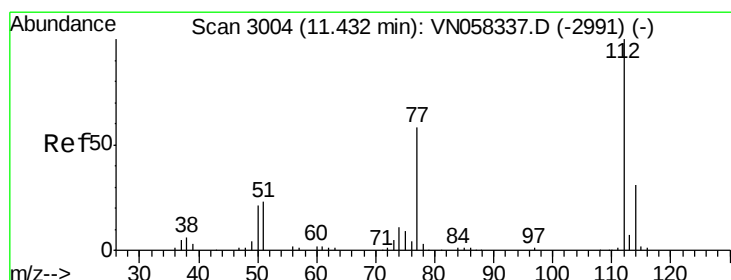
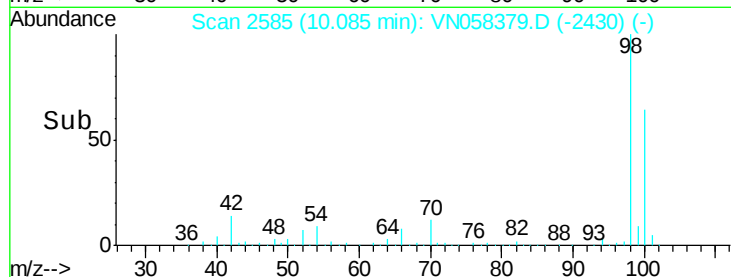
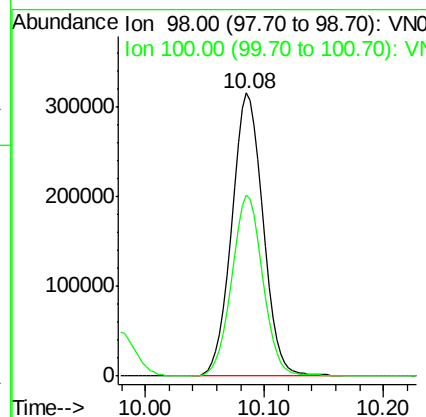
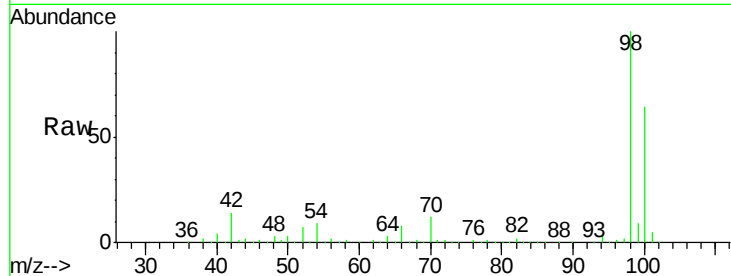
#63
Toluene-d8
Concen: 30.030 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

Tot Ion: 98 Resp: 576557
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

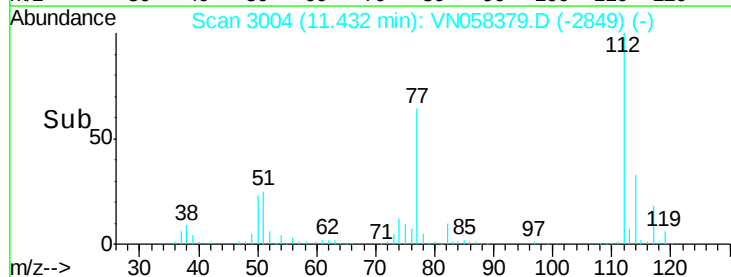
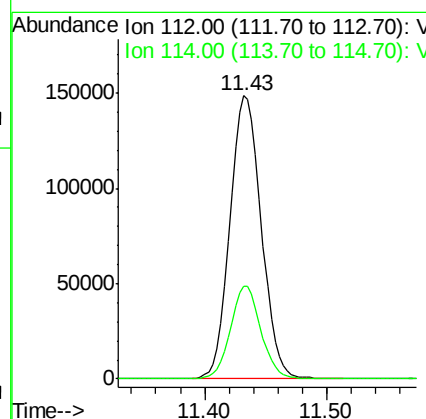
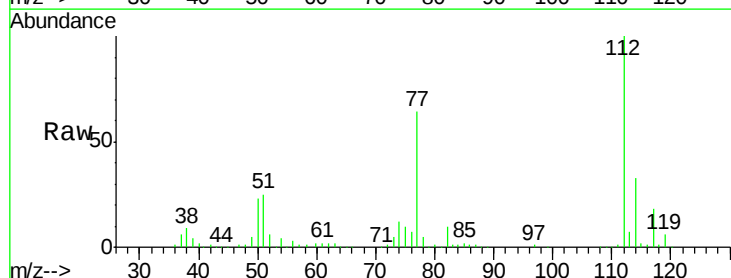
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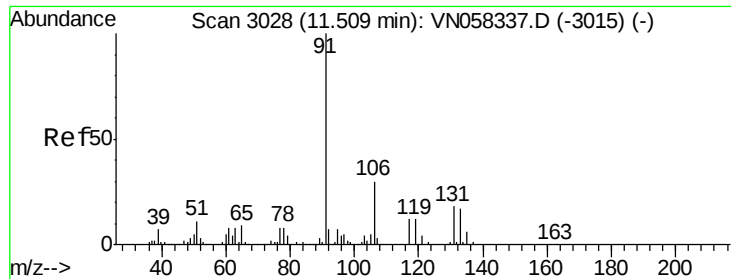
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#64
Chlorobenzene
Concen: 19.713 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion: 112 Resp: 266908
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.696 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

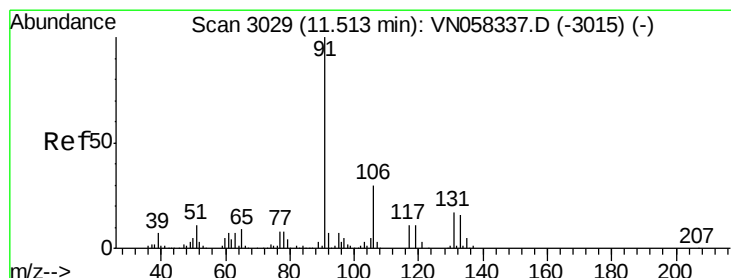
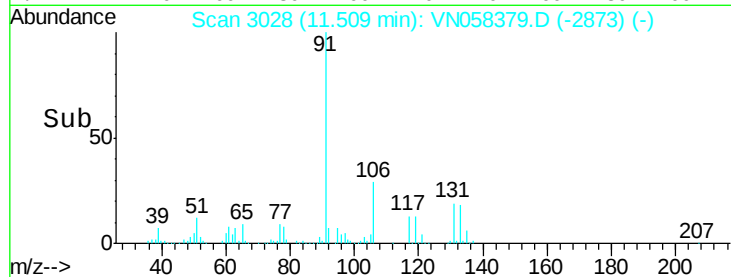
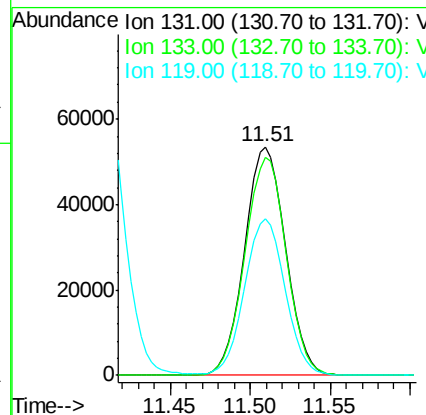
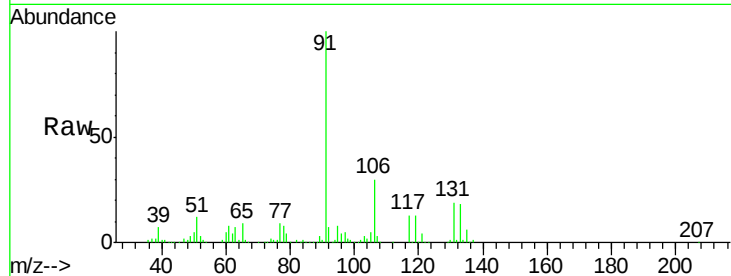
ClientSampleId :

VN0926WBSD01

Tot Ion:	131	Resp:	93485
Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	191.8
119	67.9	0.0	134.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.810 ug/l

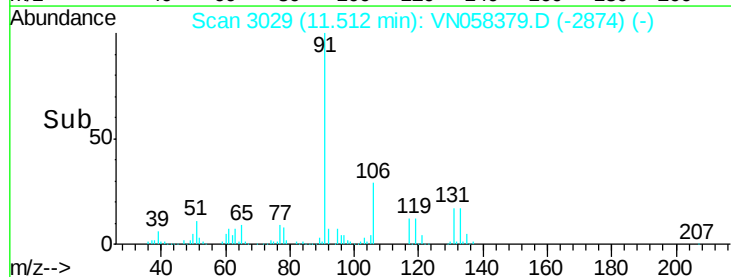
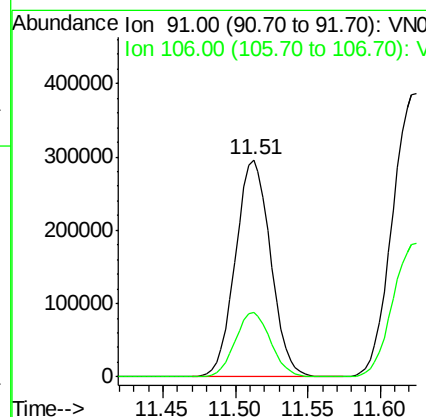
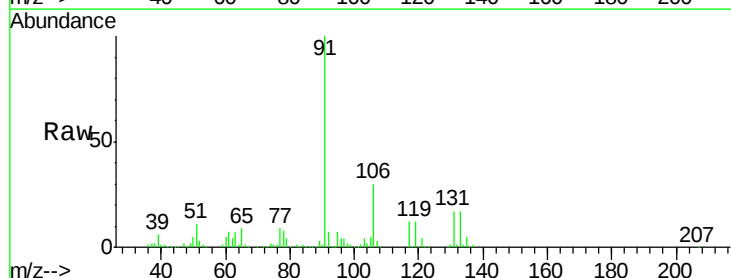
RT: 11.51 min Scan# 3029

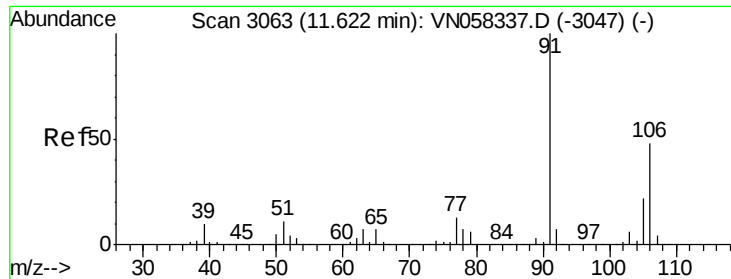
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	91	Resp:	499956
Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.2	36.4





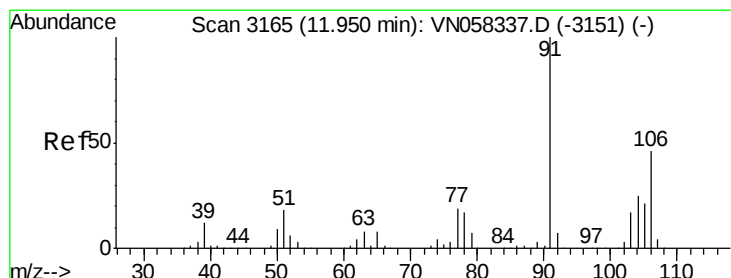
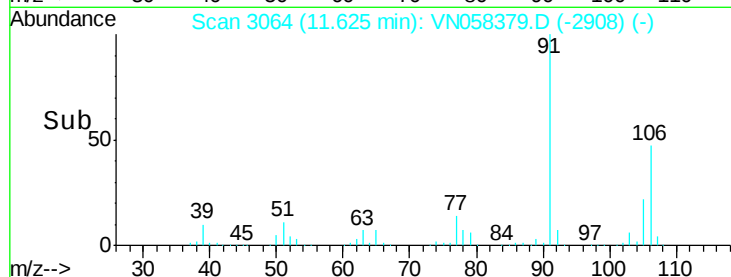
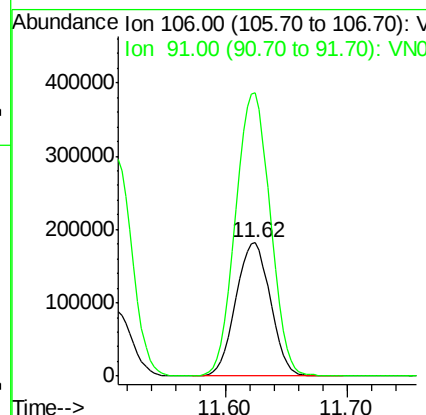
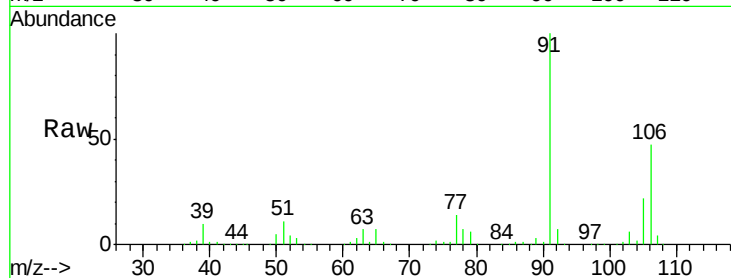
#67
m/p-Xvlenes
Concen: 38.789 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

Tot Ion:106 Resp: 357775
Ion Ratio Lower Upper
106 100
91 213.7 167.8 251.6

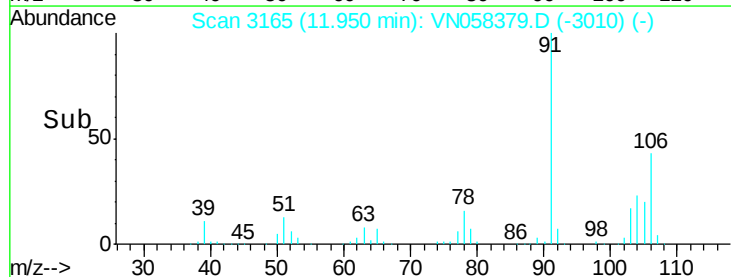
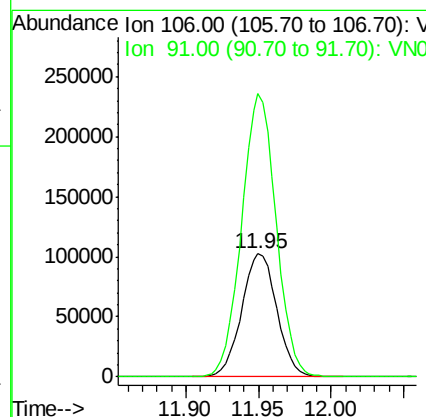
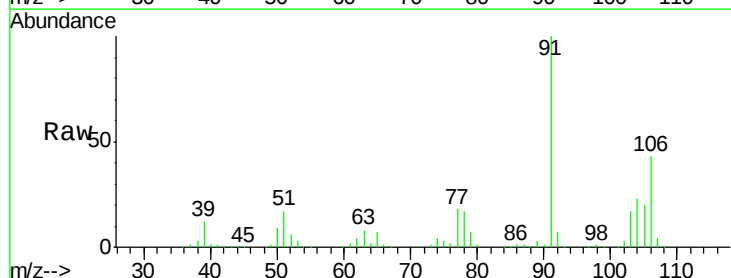
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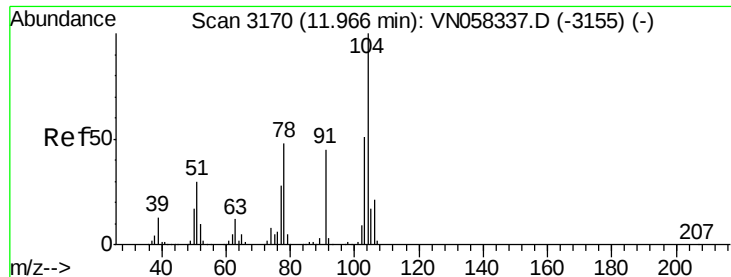
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#68
o-Xylene
Concen: 19.253 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion:106 Resp: 172681
Ion Ratio Lower Upper
106 100
91 225.0 108.7 325.9





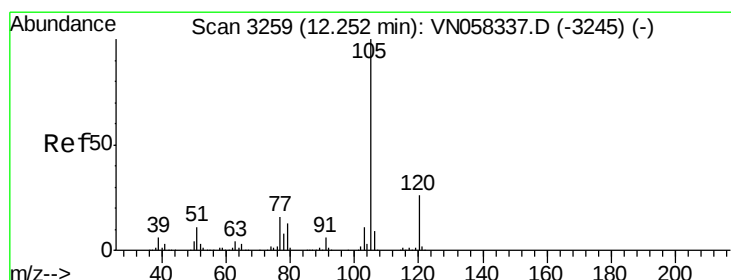
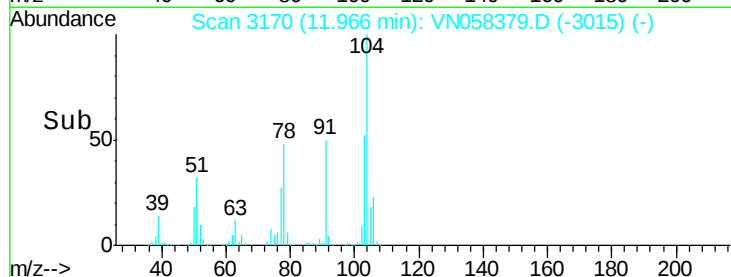
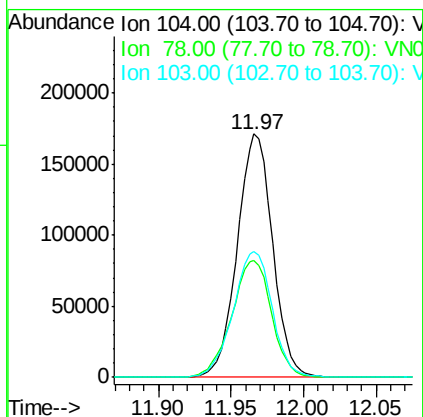
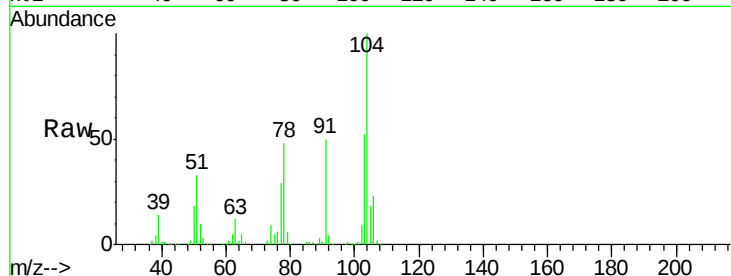
#69
Stvrene
Concen: 19.364 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	290419		
78	53.9		42.3	63.5
103	57.0		44.1	66.1

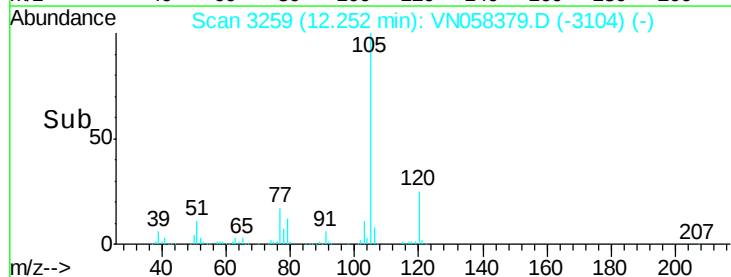
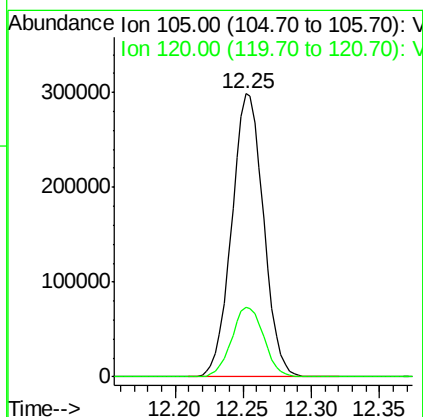
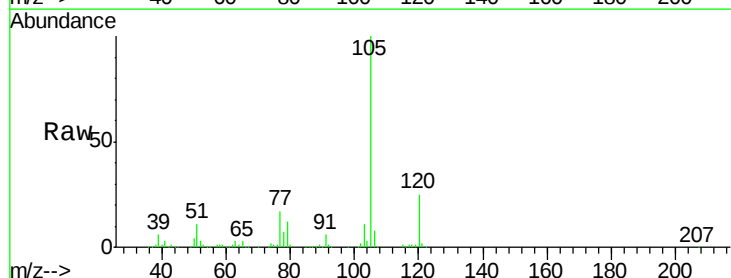
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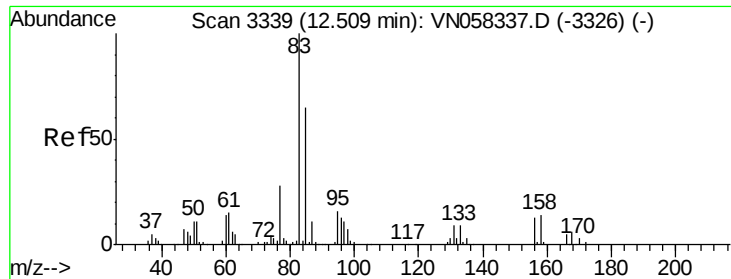
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#70
Isopropylbenzene
Concen: 20.810 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	483659		
120	24.9		18.2	33.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.012 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion: 83 Resp: 147832

Ion Ratio Lower Upper

83 100

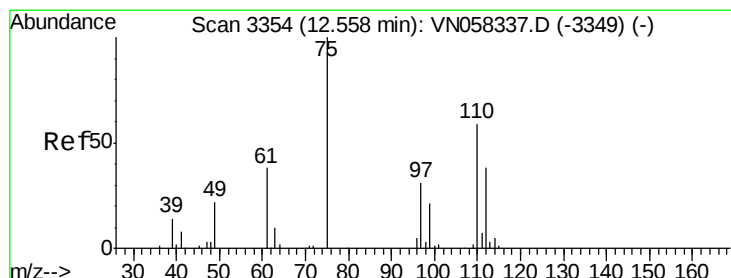
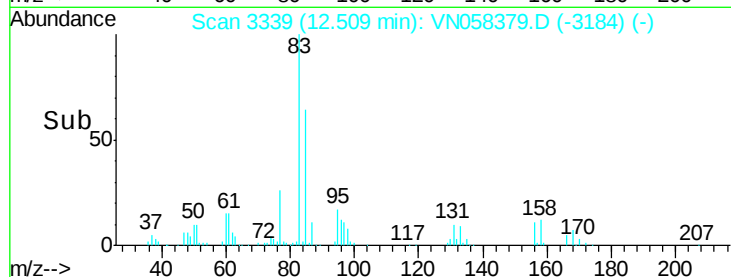
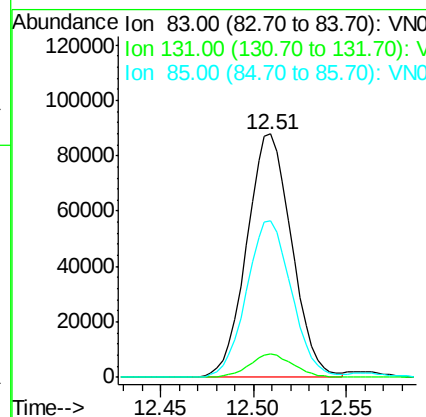
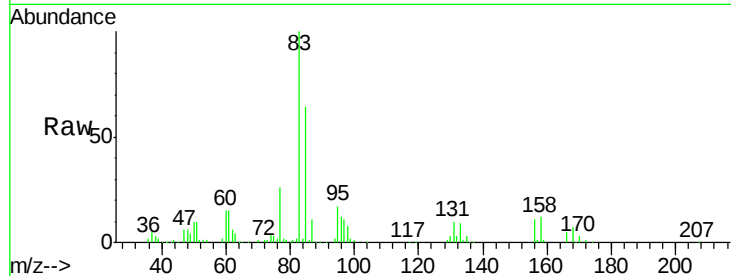
131 9.3 4.8 14.3

85 64.3 32.6 97.7

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#72

1,2,3-Trichloropropane

Concen: 20.079 ug/l m

RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN058379.D

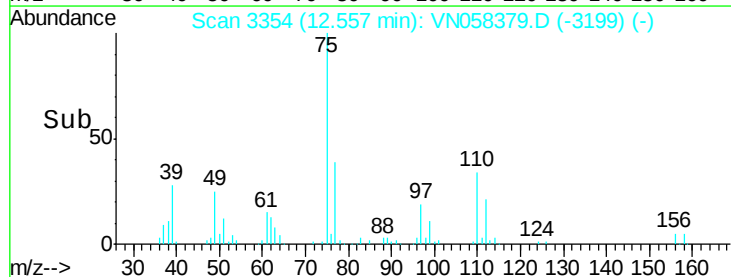
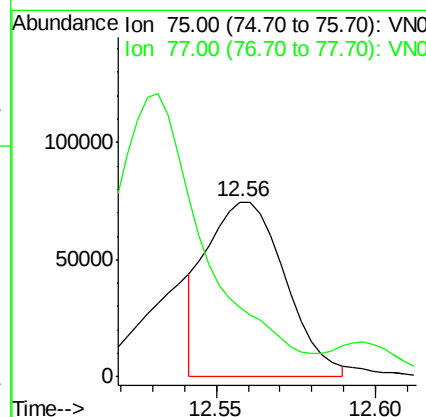
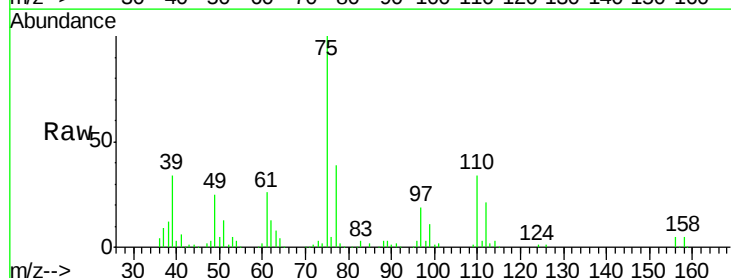
Acq: 26 Sep 2019 12:45

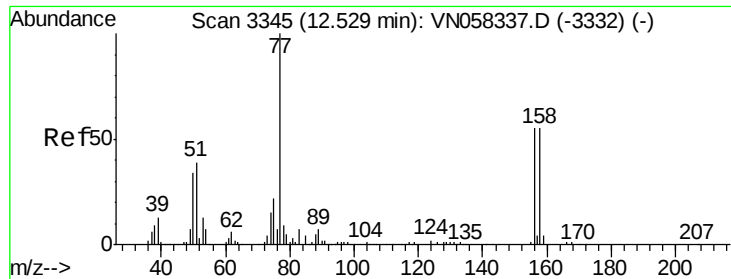
Tgt Ion: 75 Resp: 127563

Ion Ratio Lower Upper

75 100

77 192.8 0.0 382.4





#73

Bromobenzene

Concen: 19.051 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

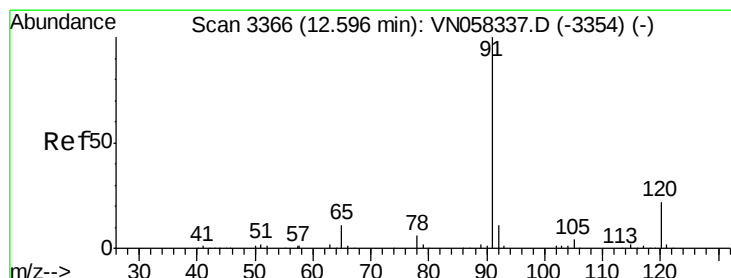
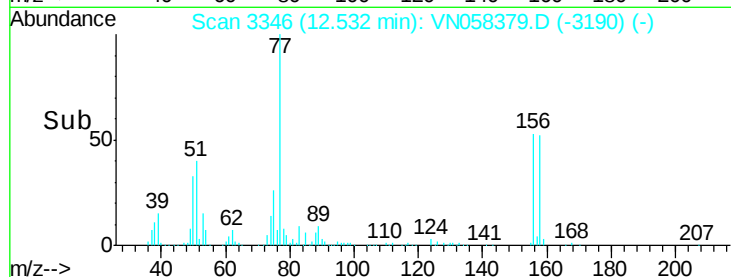
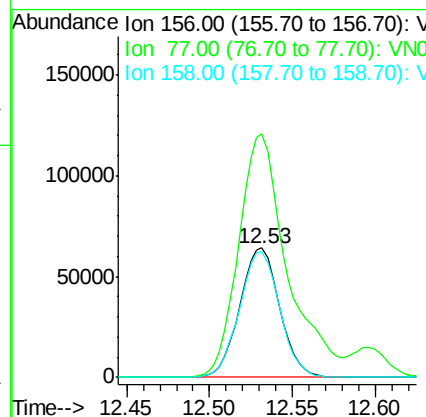
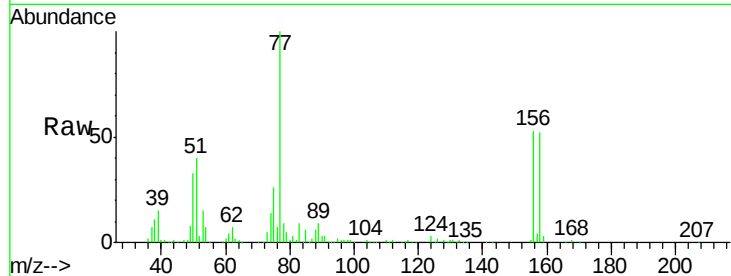
ClientSampleId :

VN0926WBSD01

Tot Ion:	156	Resp:	107251
Ion Ratio	Lower	Upper	
156	100		
77	229.3	0.0	438.8
158	97.9	0.0	195.6

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#74

n-propylbenzene

Concen: 20.981 ug/l

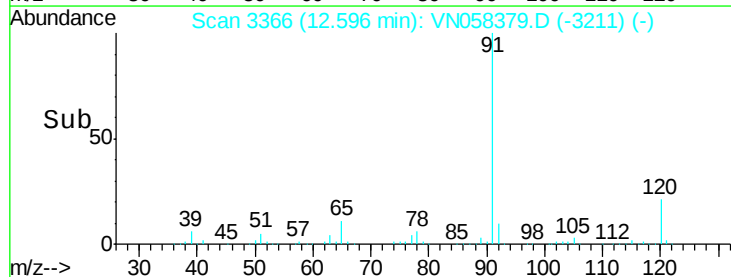
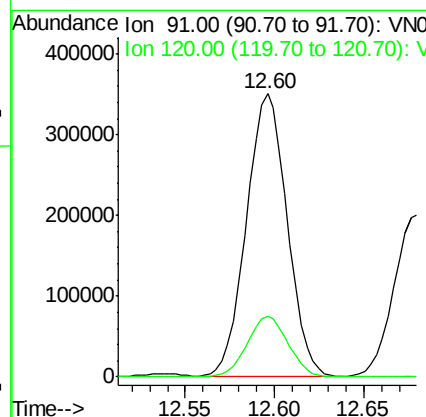
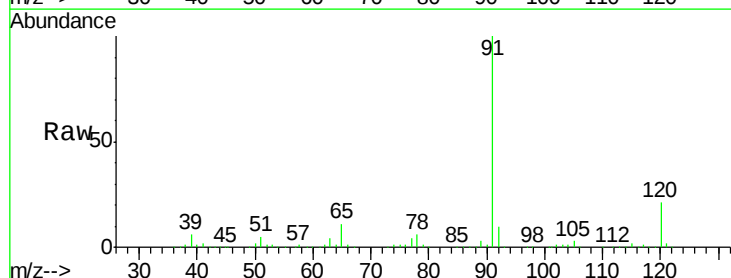
RT: 12.60 min Scan# 3366

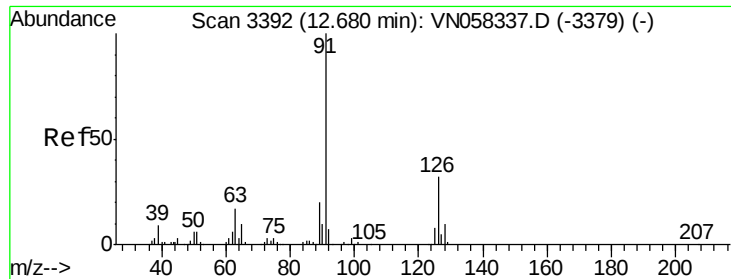
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	91	Resp:	562187
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	44.0





#75

2-Chlorotoluene

Concen: 19.891 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

VN0926WBSD01

Tot Ion: 91 Resp: 333390

Ion Ratio Lower Upper

91 100

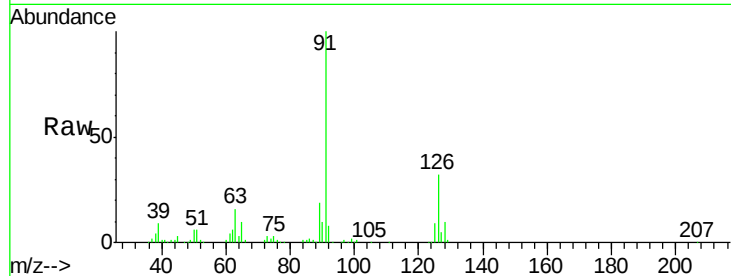
126 31.8 0.0 65.0

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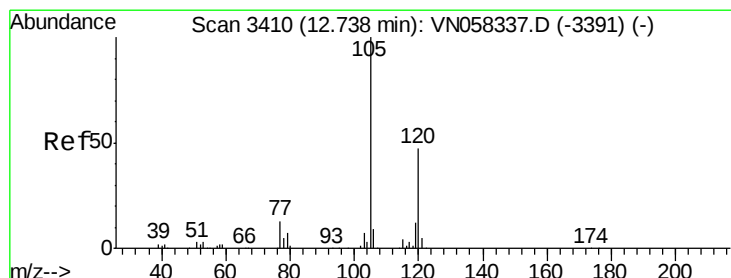
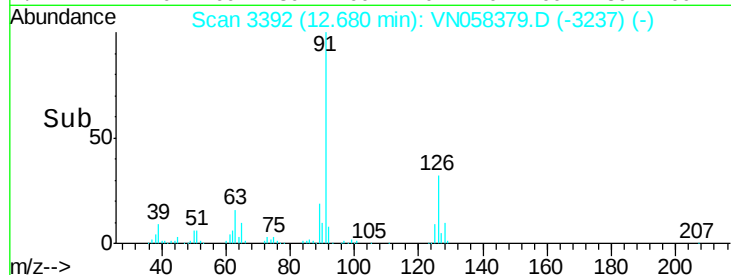
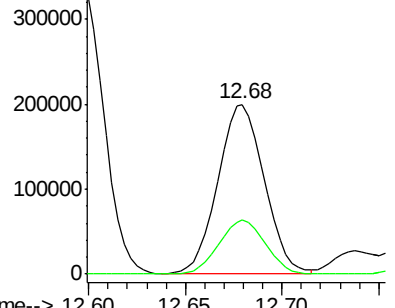
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN058337.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN058337.D (-3379) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.138 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058379.D

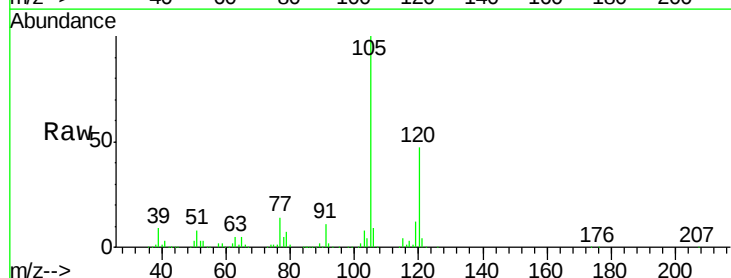
Acq: 26 Sep 2019 12:45

Tgt Ion: 105 Resp: 403016

Ion Ratio Lower Upper

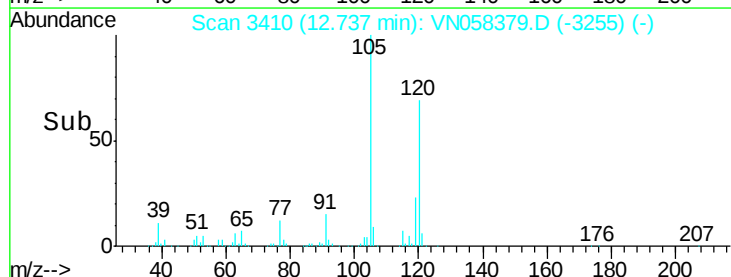
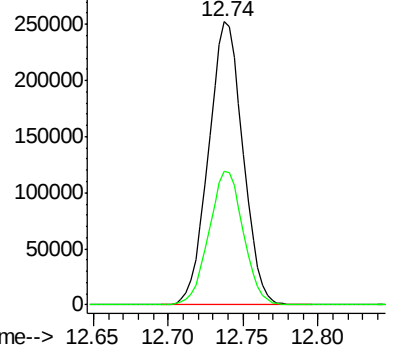
105 100

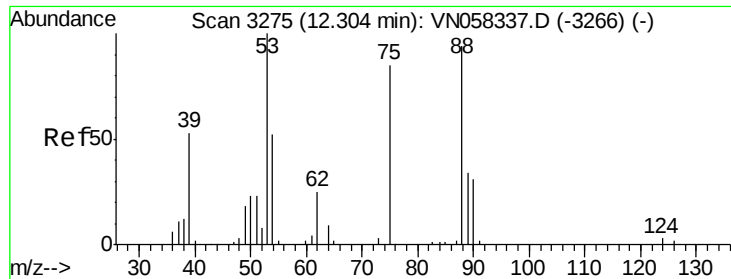
120 47.2 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): VN058337.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN058337.D (-3391) (-)





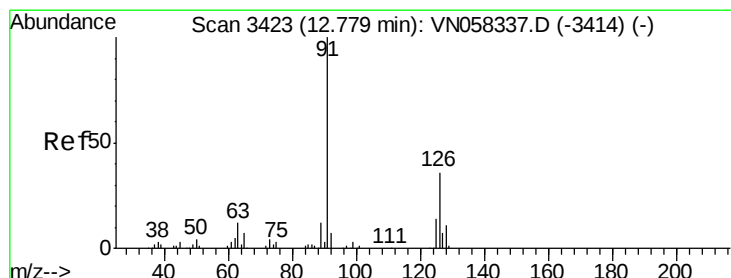
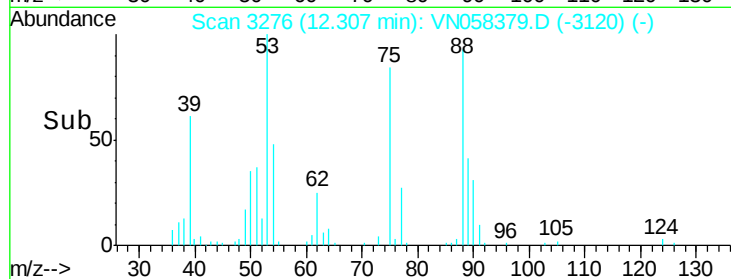
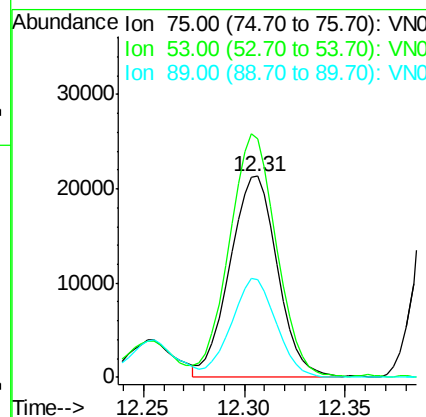
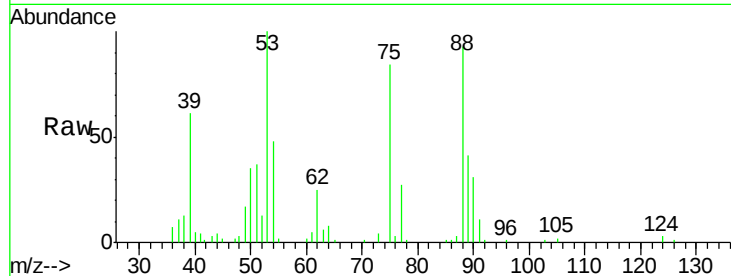
#77
t-1,4-Dichloro-2-butene
Concen: 17.060 ug/l
RT: 12.31 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
VN0926WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.0	59.0	176.8
89	48.4	21.6	65.0

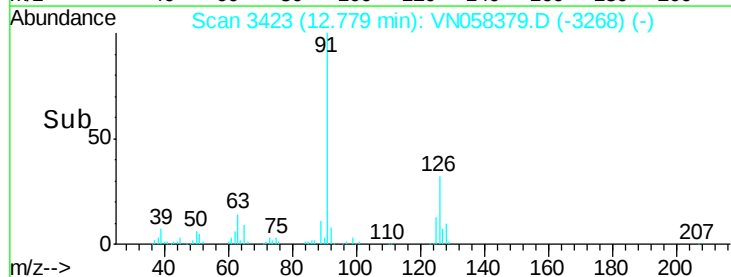
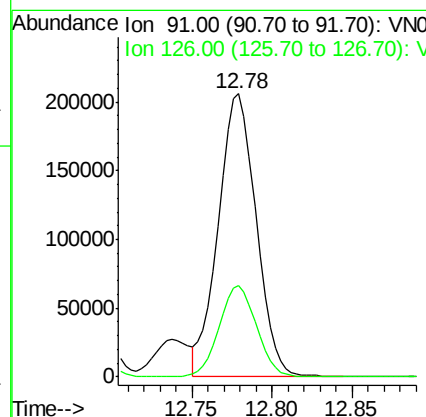
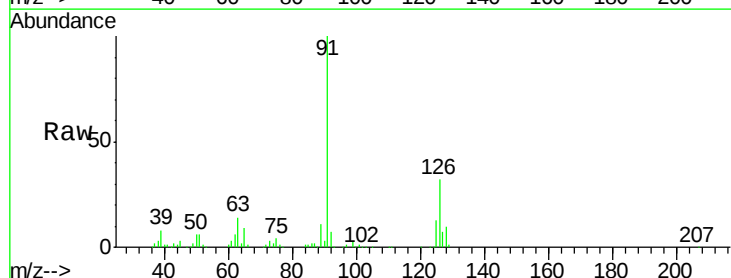
Manual Integrations
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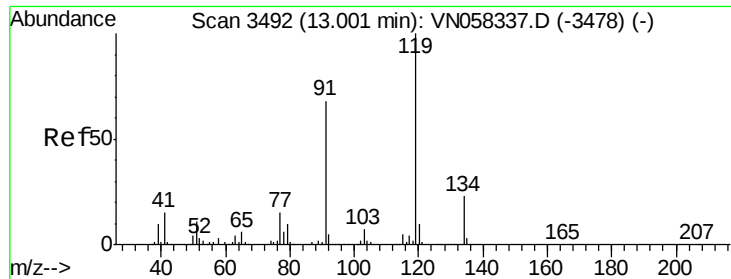
MMDadoda
9/27/2019 11:19:09 AM



#78
4-Chlorotoluene
Concen: 19.420 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	63.8





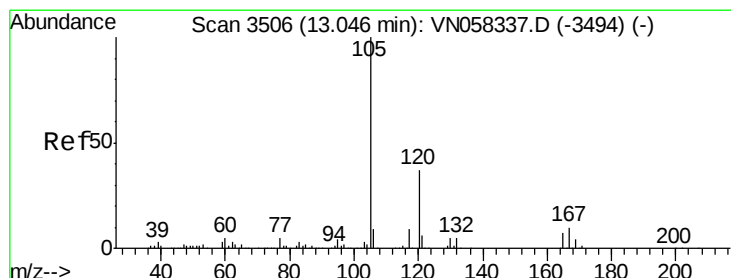
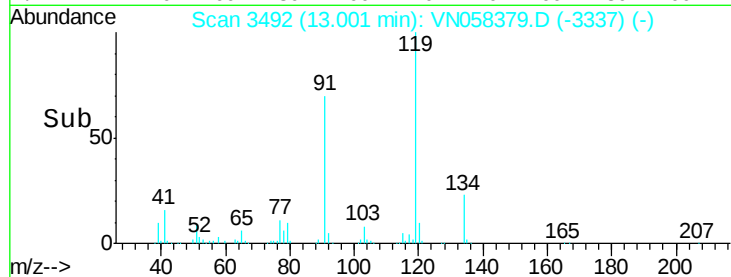
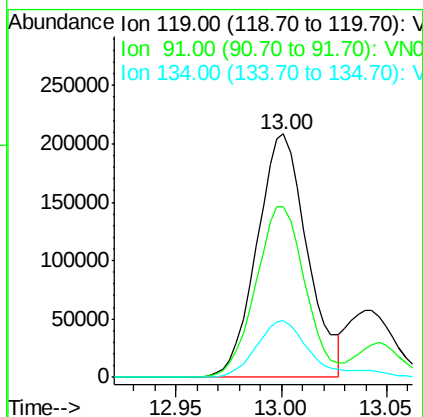
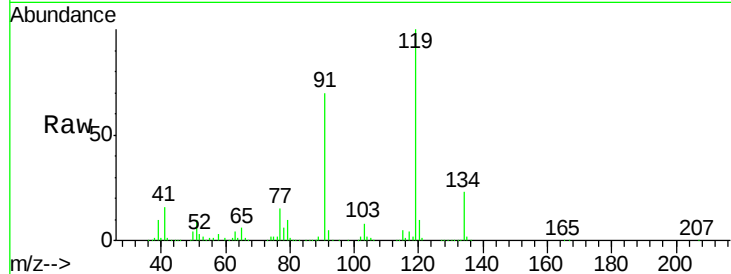
#79
tert-butylbenzene
Concen: 20.001 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	346555		
91	68.4	0.0	138.2	
134	23.8	0.0	46.8	

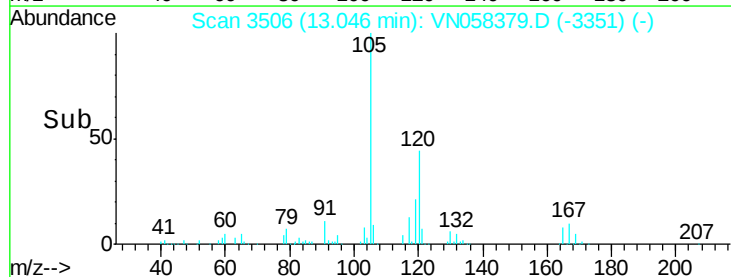
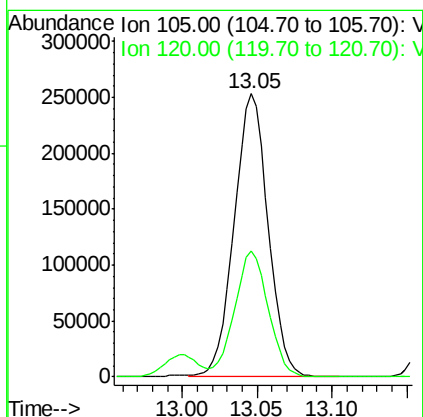
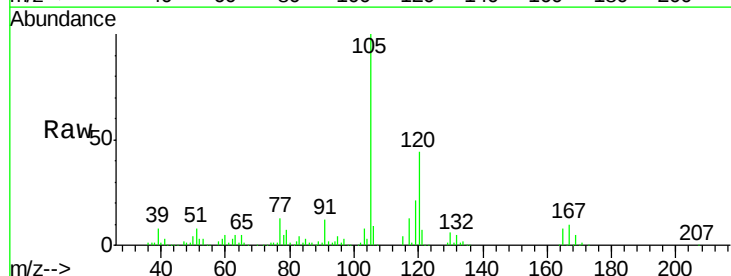
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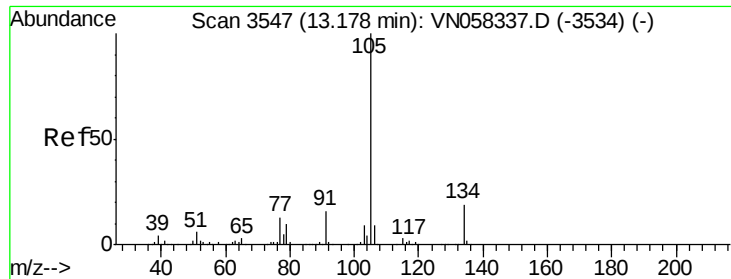
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#80
1,2,4-Trimethylbenzene
Concen: 19.936 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	398240		
120	44.1	0.0	86.6	





#81

sec-Butylbenzene

Concen: 20.369 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBSD01

Tot Ion:105 Resp: 462915

Ion Ratio Lower Upper

105 100

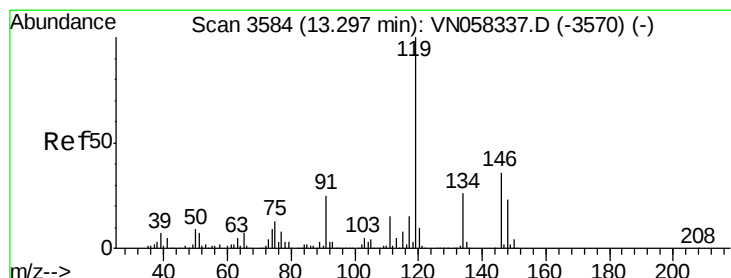
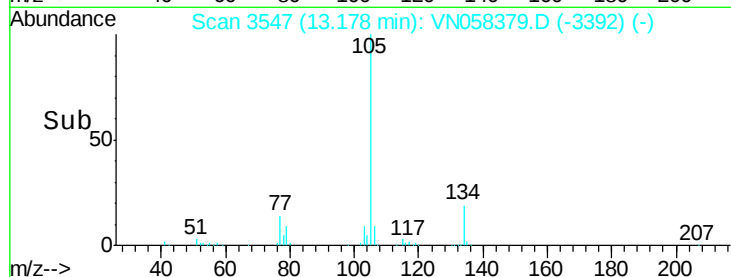
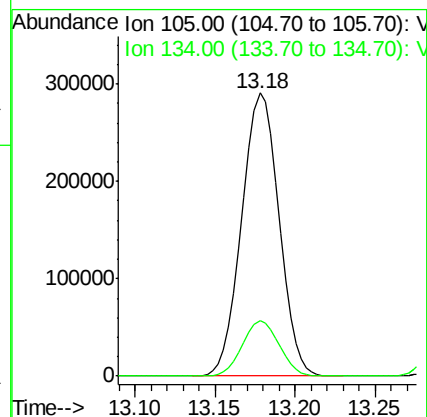
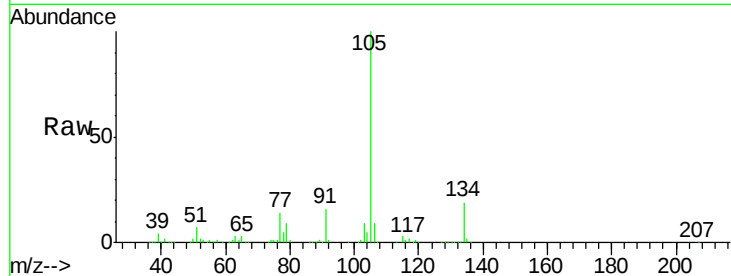
134 19.2 0.0 38.2

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#82

p-Isopropyltoluene

Concen: 19.764 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

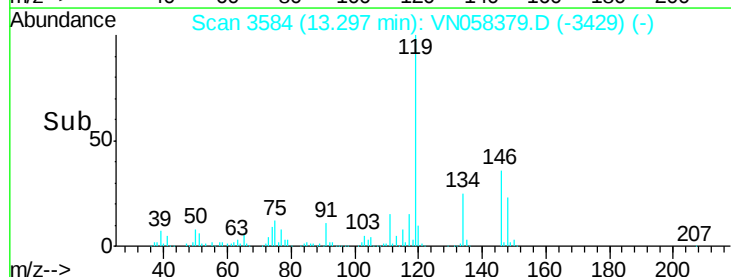
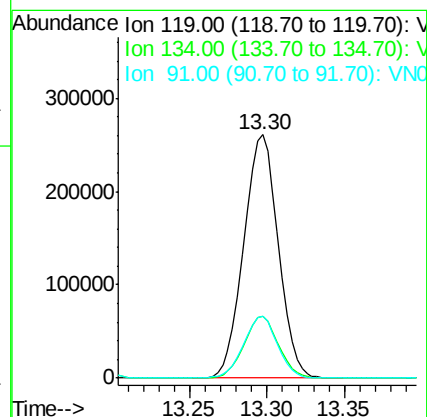
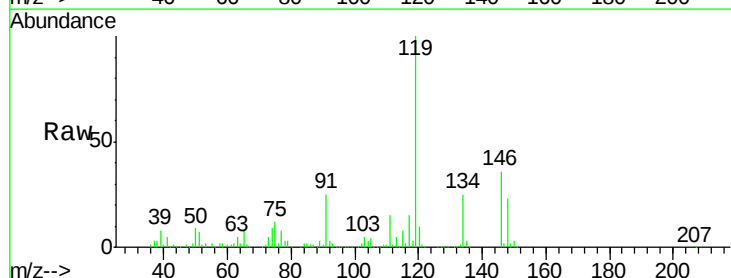
Tgt Ion:119 Resp: 404500

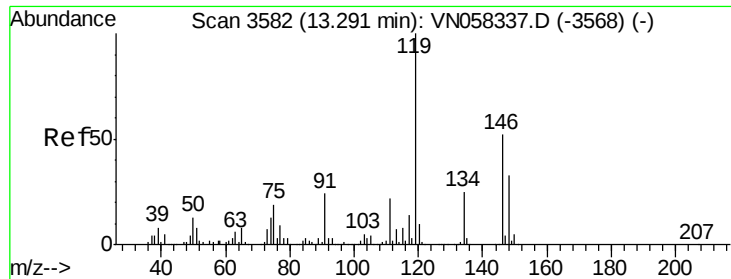
Ion Ratio Lower Upper

119 100

134 25.4 0.0 51.6

91 24.8 0.0 49.6





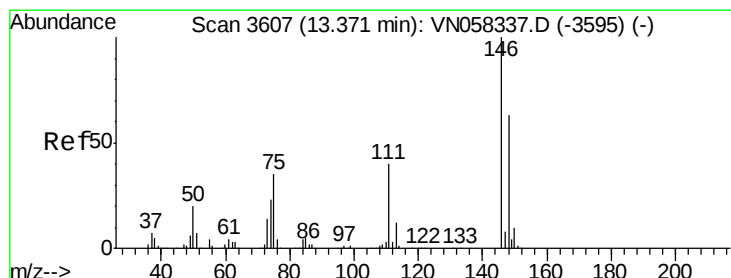
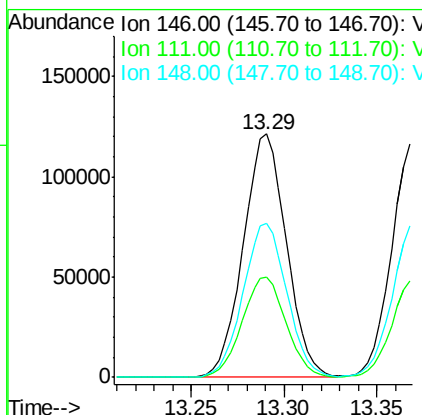
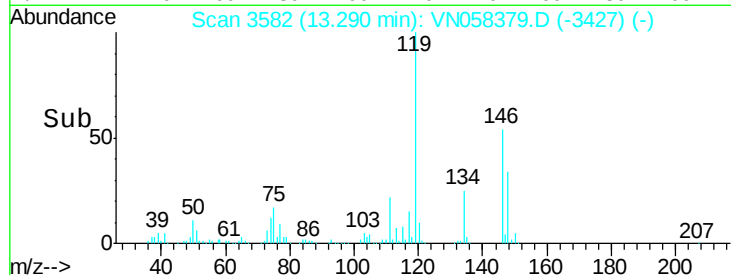
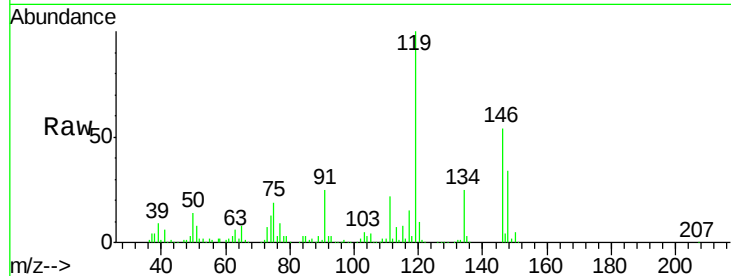
#83
 1,3-Dichlorobenzene
 Concen: 18.886 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196159		
111	41.8	20.9	62.8	
148	64.3	32.0	96.2	

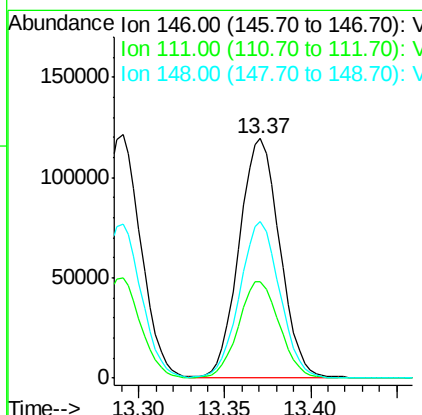
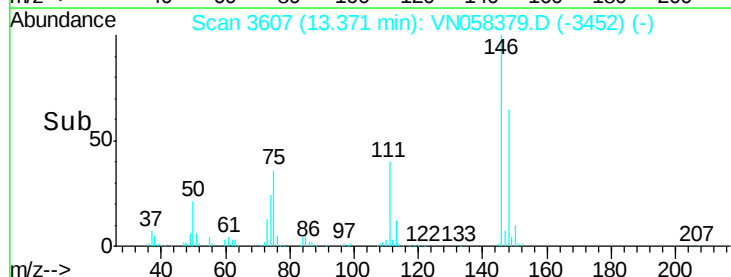
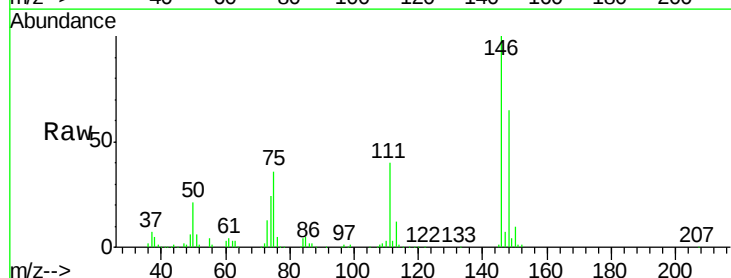
Manual Integrations
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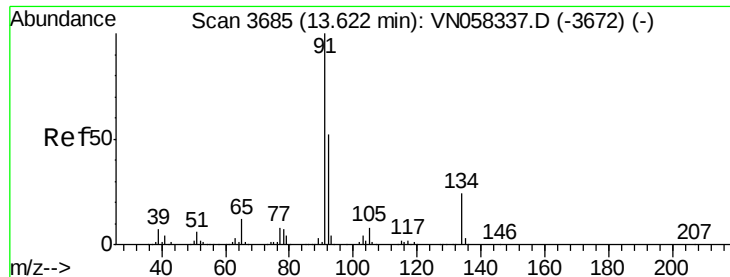
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#84
 1,4-Dichlorobenzene
 Concen: 18.859 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	194954		
111	40.9	20.4	61.3	
148	64.3	31.9	95.7	





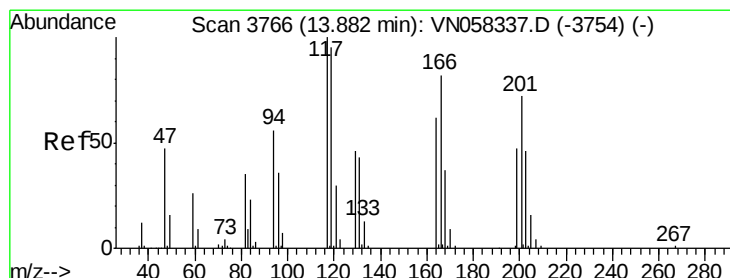
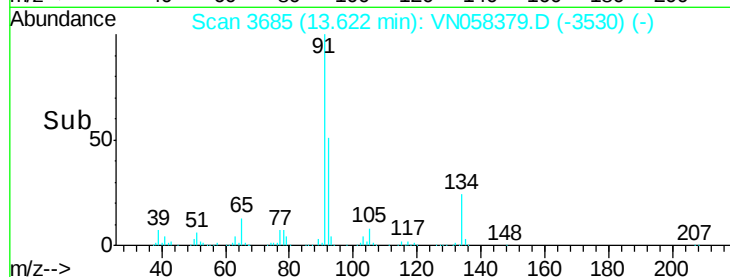
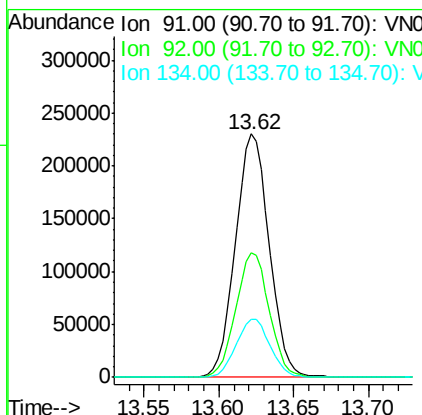
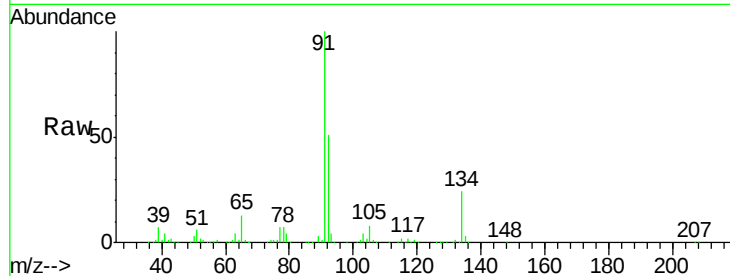
#85
n-Butylbenzene
Concen: 19.077 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	362735		
92	50.6		0.0	102.6
134	23.9		0.0	47.8

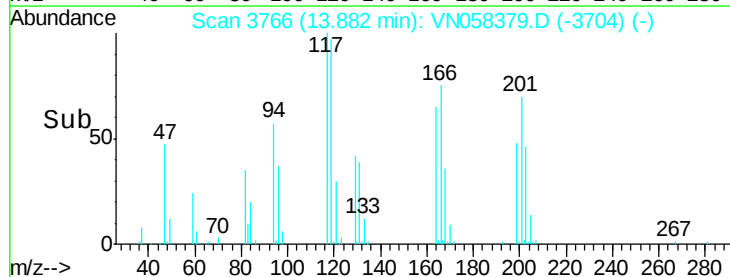
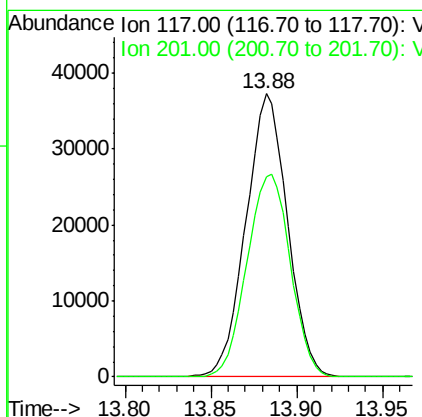
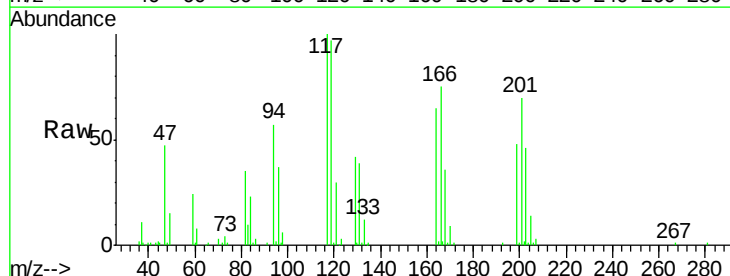
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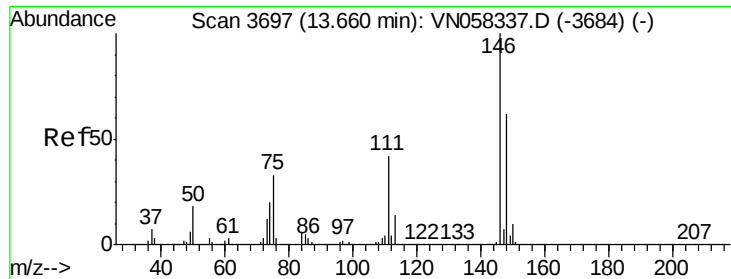
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#86
Hexachloroethane
Concen: 18.917 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62533		
201	74.4		37.2	111.6





#87

1,2-Dichlorobenzene

Concen: 19.178 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Instrument :

MSVOA_N

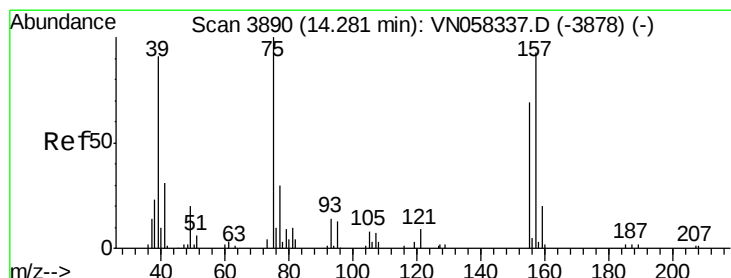
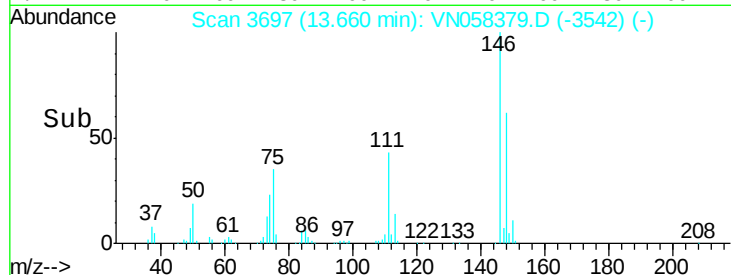
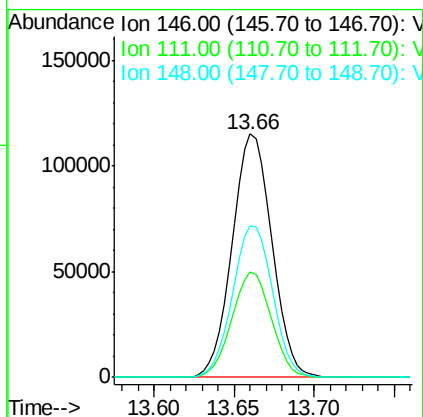
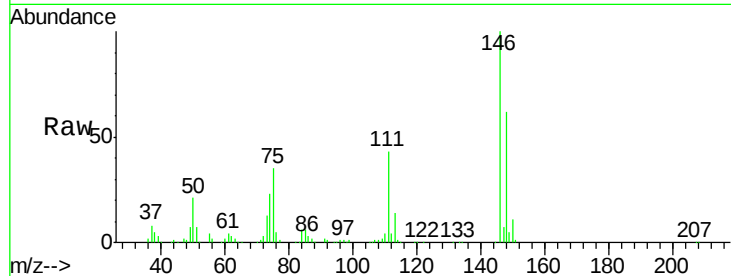
ClientSampleId :

VN0926WBSD01

Tot Ion:	146	Resp:	194506
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.1	63.3
148	62.9	31.9	95.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.973 ug/l

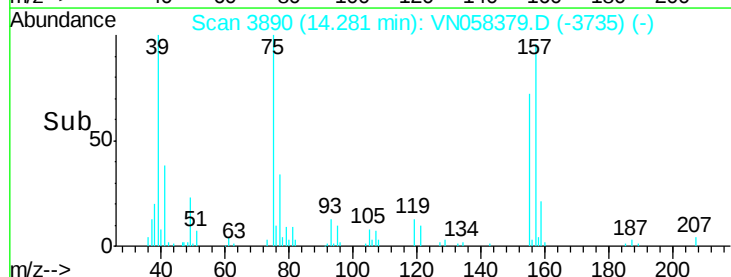
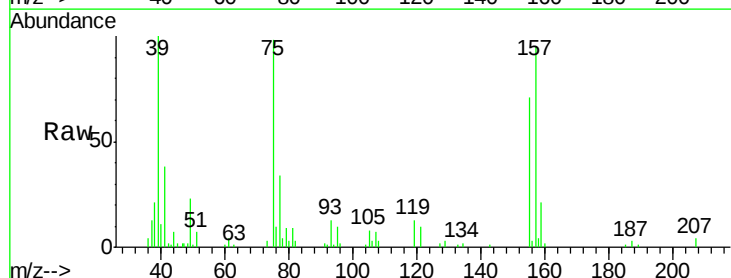
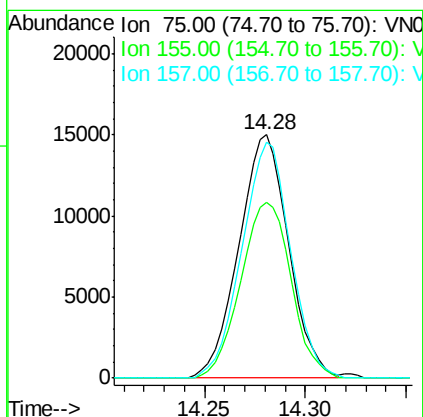
RT: 14.28 min Scan# 3890

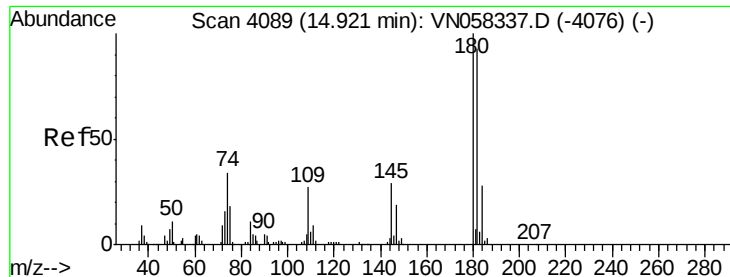
Delta R.T. -0.00 min

Lab File: VN058379.D

Acq: 26 Sep 2019 12:45

Tgt Ion:	75	Resp:	25912
Ion Ratio	Lower	Upper	
75	100		
155	73.1	58.5	87.7
157	94.7	75.4	113.2





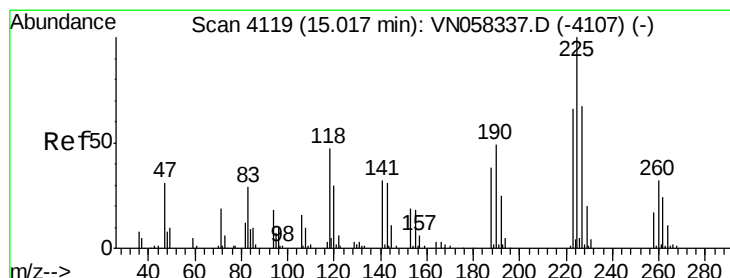
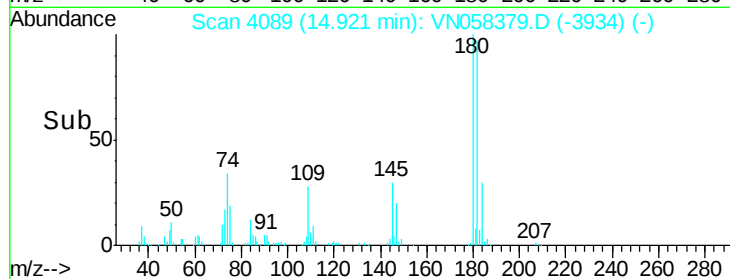
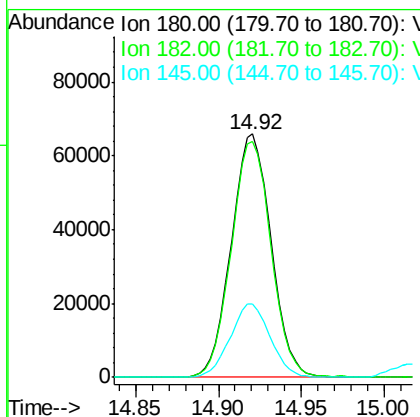
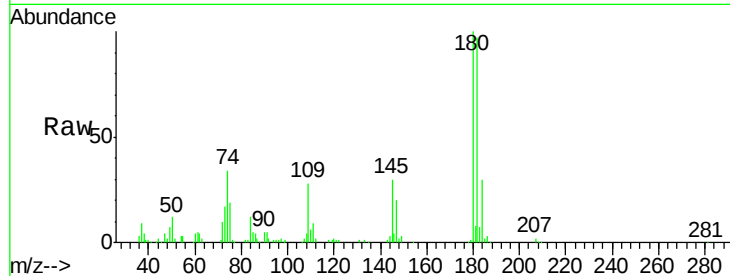
#89
 1,2,4-Trichlorobenzene
 Concen: 16.585 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109888		
182	96.9	75.2	112.8	
145	30.3	25.1	37.7	

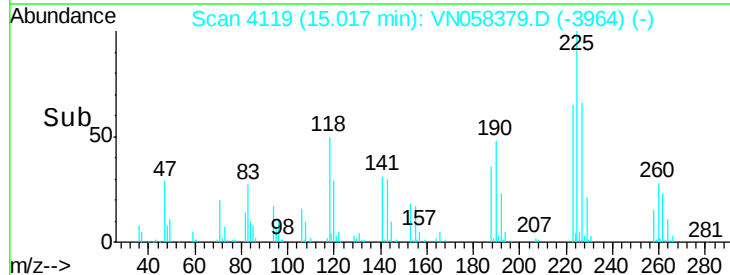
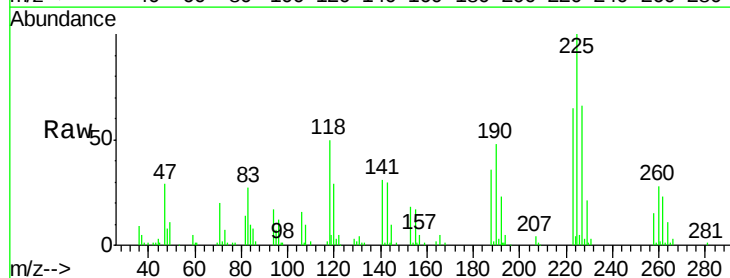
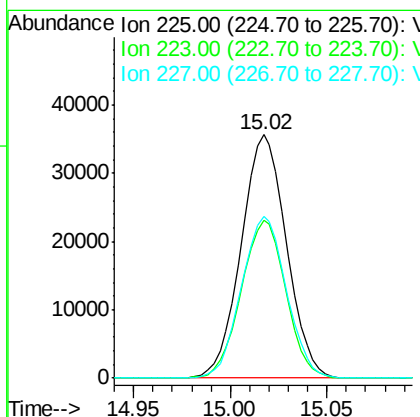
Manual Integrations
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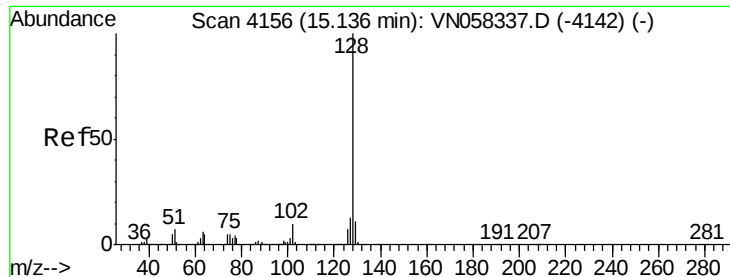
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#90
 Hexachlorobutadiene
 Concen: 18.132 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058379.D
 Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58130		
223	63.6	0.0	132.6	
227	65.7	0.0	129.2	





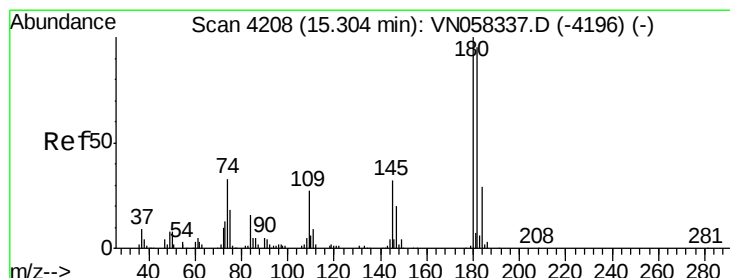
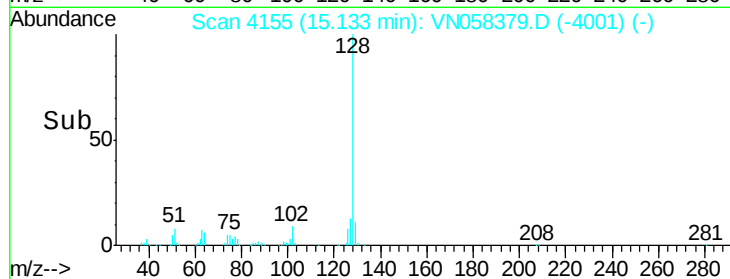
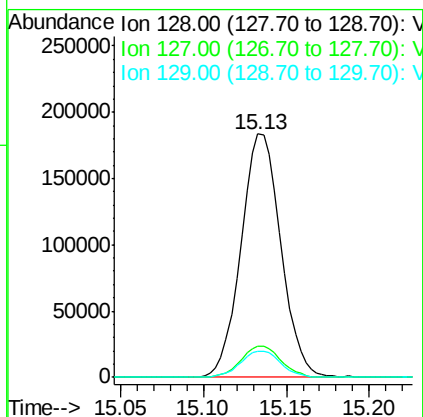
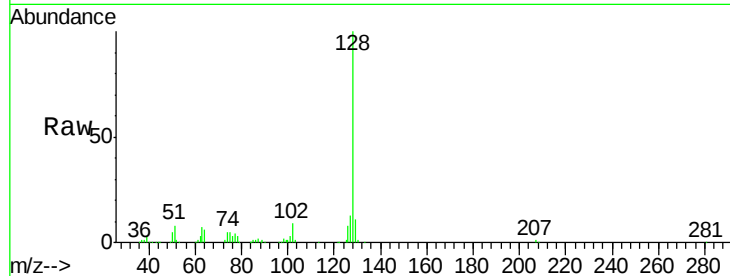
#91
Naphthalene
Concen: 16.860 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	306789		
127	13.0		10.2	15.4
129	10.9		8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 16.740 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.00 min
Lab File: VN058379.D
Acq: 26 Sep 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106529		
182	95.2		0.0	189.4
145	33.1		0.0	64.0

