

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
 Data File : VN059015.D
 Acq On : 30 Oct 2019 9:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Manual Integrations
APPROVED
 MMDadoda
 10/31/2019 3:37:15 PM

Quant Time: Oct 31 04:30:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	399083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	581217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	272085	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.57	113	206989	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.08	98	785212	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	304493	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	213306	42.869	ug/l	98
3) Chloromethane	2.04	50	262716	42.631	ug/l	98
4) Vinyl Chloride	2.17	62	272577	44.547	ug/l	99
5) Bromomethane	2.54	94	161852	42.241	ug/l	99
6) Chloroethane	2.68	64	170635	43.486	ug/l	99
7) Trichlorofluoromethane	3.00	101	353321	46.668	ug/l	99
8) Diethyl Ether	3.38	74	132295	50.565	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	204099	48.628	ug/l	98
10) Methyl Iodide	3.93	142	244580	44.306	ug/l	99
11) Tert butyl alcohol	4.75	59	227254	233.967	ug/l	99
12) 1,1-Dichloroethene	3.71	96	186677	47.450	ug/l	98
13) Acrolein	3.58	56	115827	173.552	ug/l	98
14) Allyl chloride	4.29	41	397283	49.904	ug/l	96
15) Acrylonitrile	4.95	53	637333	260.856	ug/l	99
16) Acetone	3.79	43	726423	251.158	ug/l	98
17) Carbon Disulfide	4.03	76	526142	41.516	ug/l	100
18) Methyl Acetate	4.29	43	336670	51.199	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	725899	52.693	ug/l	100
20) Methylene Chloride	4.52	84	231960	46.968	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	213540	49.149	ug/l	98
22) Diisopropyl ether	5.92	45	833059	53.499	ug/l	95
23) Vinyl Acetate	5.86	43	3420660	273.422	ug/l	100
24) 1,1-Dichloroethane	5.82	63	448870	49.714	ug/l	99
25) 2-Butanone	6.81	43	937066	249.585	ug/l	98
26) 2,2-Dichloropropane	6.80	77	392528	50.261	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	253520	51.079	ug/l	99
28) Bromochloromethane	7.17	49	148782	49.478	ug/l	99
29) Tetrahydrofuran	7.18	42	574585	250.172	ug/l	99
30) Chloroform	7.35	83	434699	47.996	ug/l	100
31) Cyclohexane	7.63	56	380608	45.248	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	367876	48.188	ug/l	98
36) 1,1-Dichloropropene	7.77	75	323621	50.720	ug/l	99
37) Ethyl Acetate	6.90	43	362075	52.079	ug/l	99
38) Carbon Tetrachloride	7.75	117	325490	49.518	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	370207	51.673	ug/l	99
40) Benzene	8.02	78	974095	51.989	ug/l	100
41) Methacrylonitrile	7.15	41	159708m	51.578	ug/l	
42) 1,2-Dichloroethane	8.10	62	356075	49.335	ug/l	99
43) Isopropyl Acetate	8.14	43	583842	52.362	ug/l	99
44) Trichloroethene	8.82	130	234314	51.338	ug/l	99
45) 1,2-Dichloropropane	9.10	63	270519	52.653	ug/l	99
46) Dibromomethane	9.19	93	166156	51.156	ug/l	99
47) Bromodichloromethane	9.39	83	350288	52.326	ug/l	99
48) Methyl methacrylate	9.18	41	267143	52.807	ug/l	97
49) 1,4-Dioxane	9.18	88	88132	1061.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1822646	279.860	ug/l	99
52) Toluene	10.15	92	596611	53.696	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	396273	53.473	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	423933	53.544	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	241450	52.750	ug/l	99
56) Ethyl methacrylate	10.42	69	381354	49.616	ug/l	96
57) 1,3-Dichloropropane	10.70	76	422359	52.575	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	791271	243.855	ug/l	100
59) 2-Hexanone	10.75	43	1388282	275.859	ug/l	98
60) Dibromochloromethane	10.90	129	265320	53.853	ug/l	99
61) 1,2-Dibromoethane	11.00	107	244058	52.102	ug/l	98
64) Tetrachloroethene	10.63	164	208535	51.231	ug/l	98
65) Chlorobenzene	11.43	112	630446	53.280	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	240454	53.851	ug/l	99
67) Ethyl Benzene	11.51	91	1162753	56.016	ug/l	98
68) m/p-Xylenes	11.62	106	866020	112.502	ug/l	99
69) o-Xylene	11.95	106	411012	55.983	ug/l	98
70) Styrene	11.96	104	692918	51.093	ug/l	99
71) Bromoform	12.13	173	190148	54.916	ug/l #	100
73) Isopropylbenzene	12.25	105	1137860	53.102	ug/l	99
74) N-amyl acetate	12.07	43	508489	52.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	372250	49.406	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	352673m	51.899	ug/l	
77) Bromobenzene	12.53	156	269622	51.050	ug/l	98
78) n-propylbenzene	12.59	91	1364212	53.861	ug/l	100
79) 2-Chlorotoluene	12.68	91	803776	51.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	981523	54.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	136688	52.401	ug/l	96
82) 4-Chlorotoluene	12.78	91	831327	52.476	ug/l	100
83) tert-Butylbenzene	13.00	119	834992	54.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	978211	55.088	ug/l	98
85) sec-Butylbenzene	13.17	105	1120184	54.575	ug/l	98
86) p-Isopropyltoluene	13.29	119	1027016	56.707	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	501204	53.072	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	496719	52.534	ug/l	99
89) n-Butylbenzene	13.62	91	927431	55.746	ug/l	99
90) Hexachloroethane	13.88	117	190088	51.797	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	493261	53.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76020	44.609	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	281877	48.328	ug/l	99
94) Hexachlorobutadiene	15.01	225	158030	52.528	ug/l	99
95) Naphthalene	15.13	128	764954	45.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	272340	47.976	ug/l	99

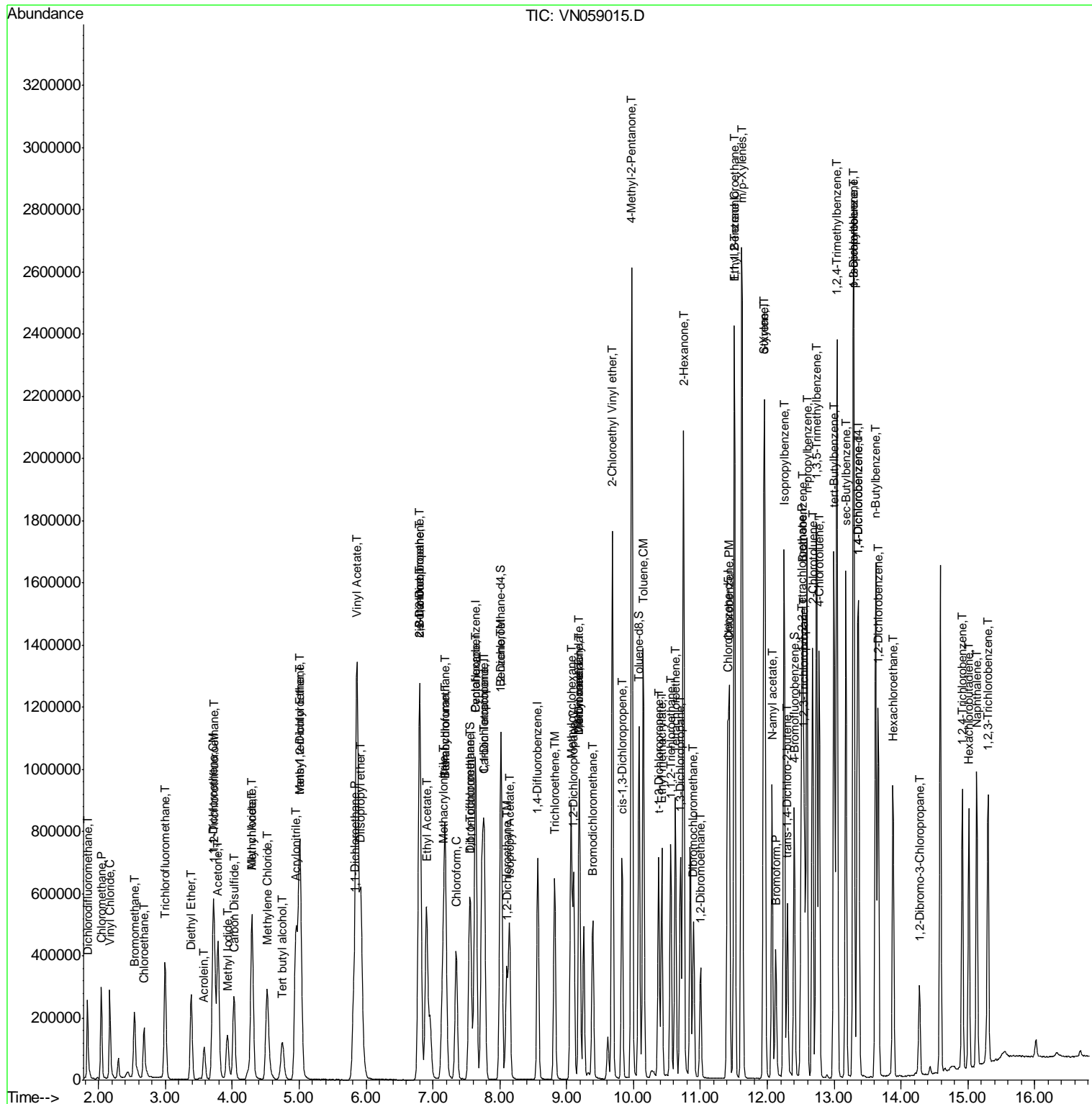
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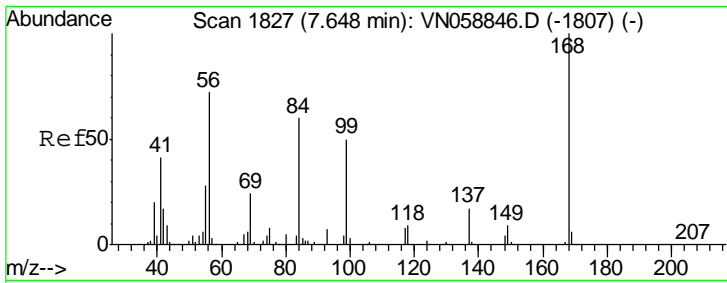
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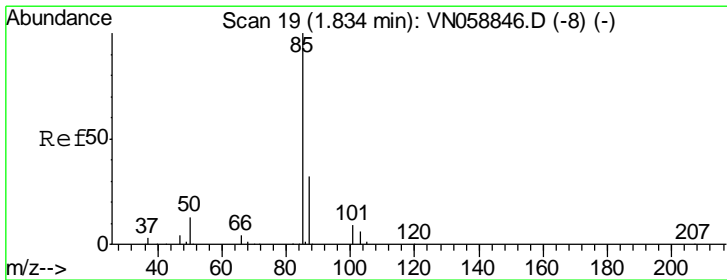
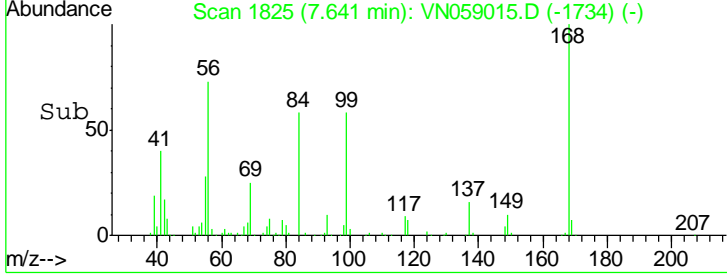
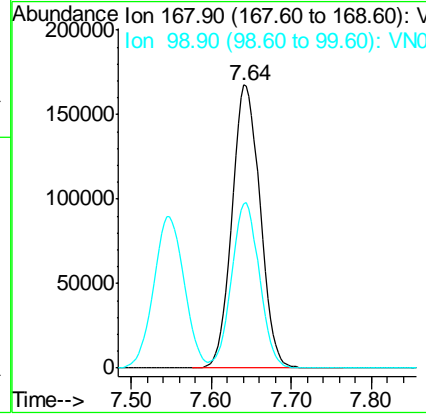
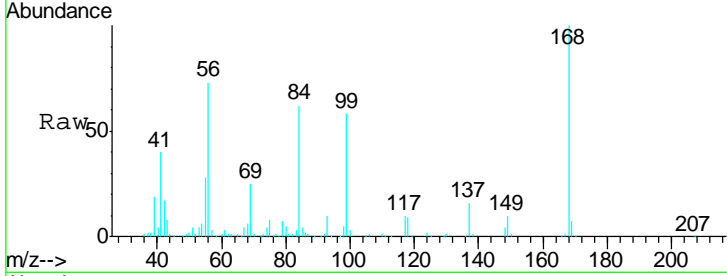
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

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Tgt Ion	Resp	Lower	Upper
168	100		
99	58.0	48.1	72.1

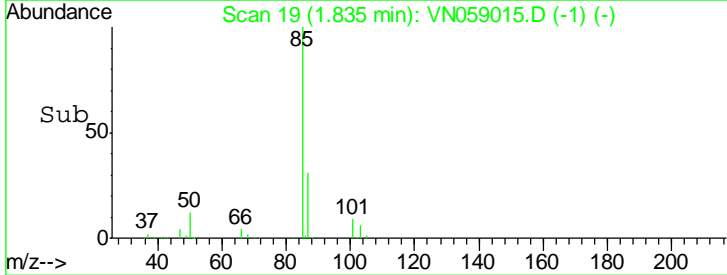
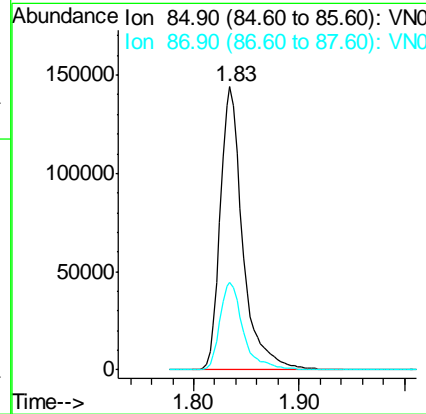
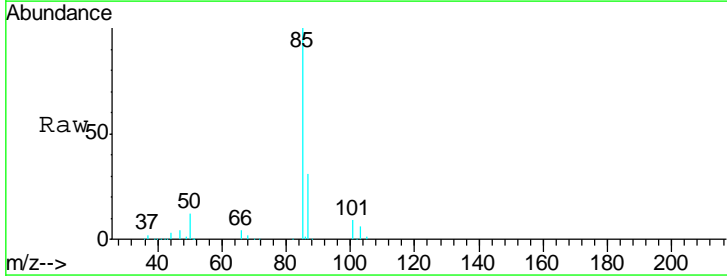
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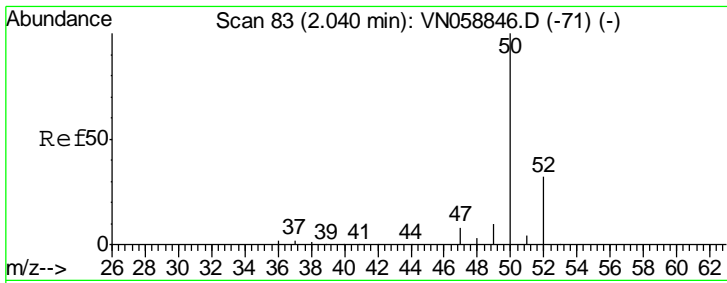
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#2
 Dichlorodifluoromethane
 Concen: 42.869 ug/l
 RT: 1.83 min Scan# 19
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
85	100		
87	31.1	16.2	48.5





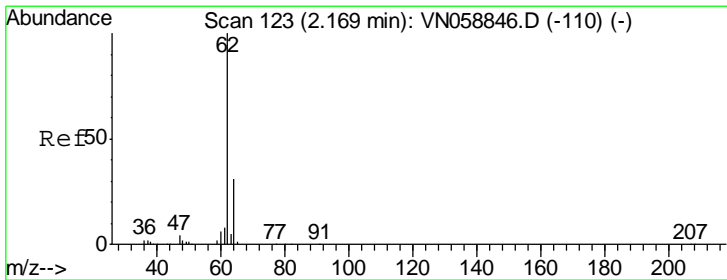
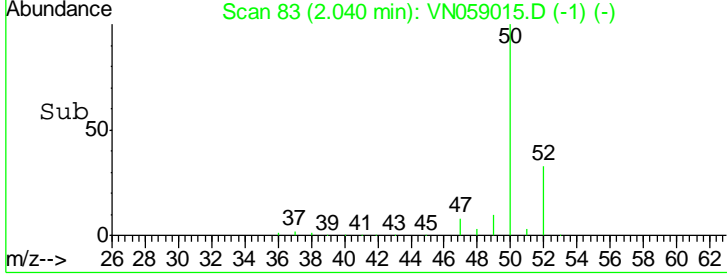
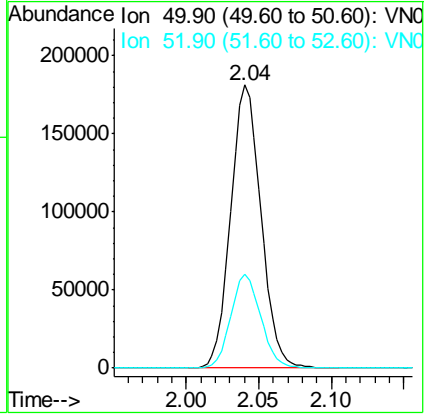
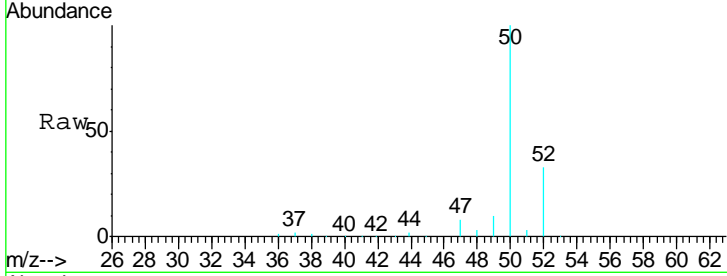
#3
 Chloromethane
 Concen: 42.631 ug/l
 RT: 2.04 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
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Tgt Ion	Resp	Lower	Upper
50	100		
52	33.1	25.7	38.5

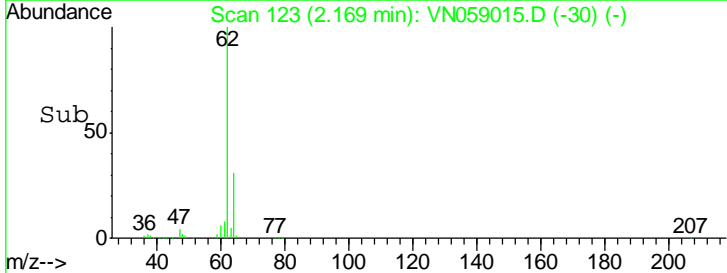
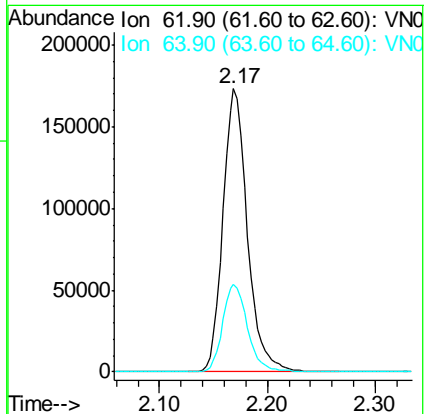
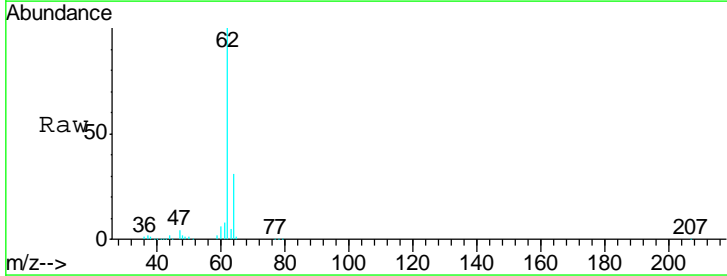
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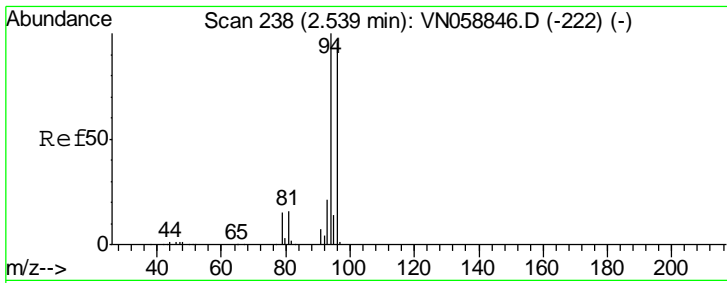
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#4
 Vinyl Chloride
 Concen: 44.547 ug/l
 RT: 2.17 min Scan# 123
 Delta R.T. 0.00 min
 Lab File: VN059015.D
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Tgt Ion	Resp	Lower	Upper
62	100		
64	31.0	24.6	36.8



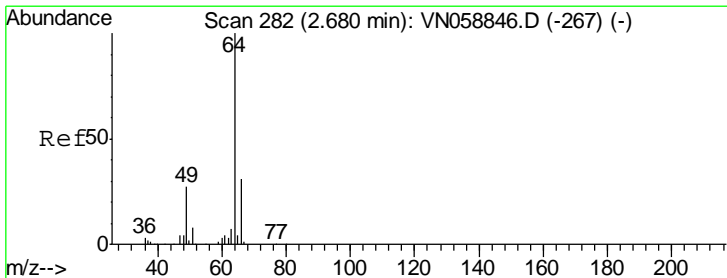
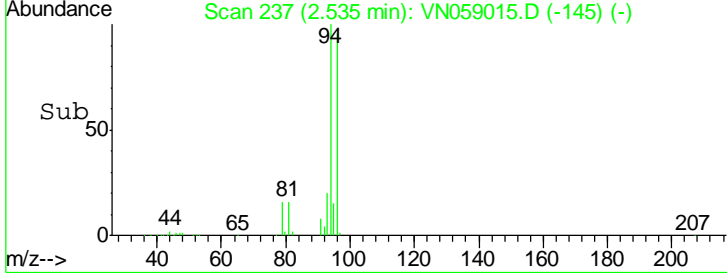
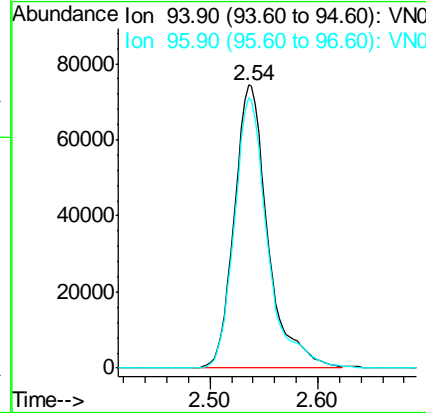
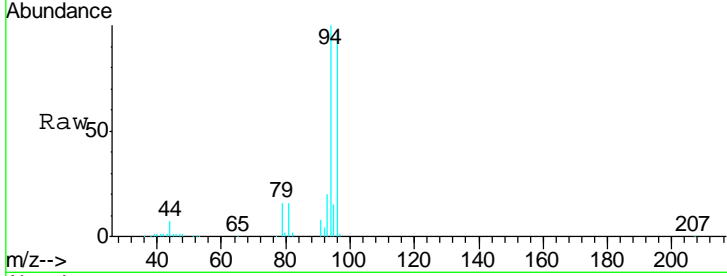


#5
 Bromomethane
 Concen: 42.241 ug/l
 RT: 2.54 min Scan# 237
 Delta R.T. -0.00 min
 Lab File: VN059015.D
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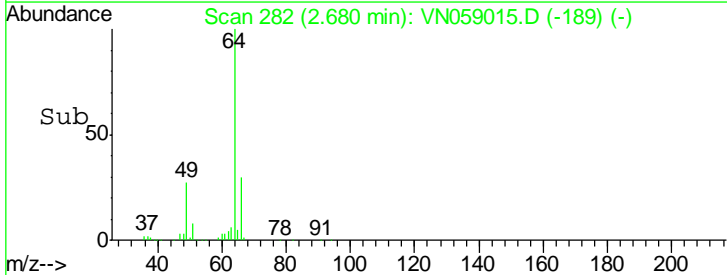
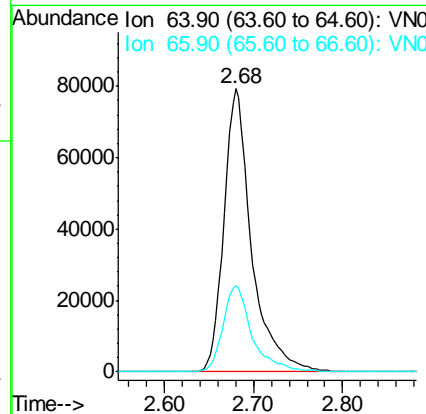
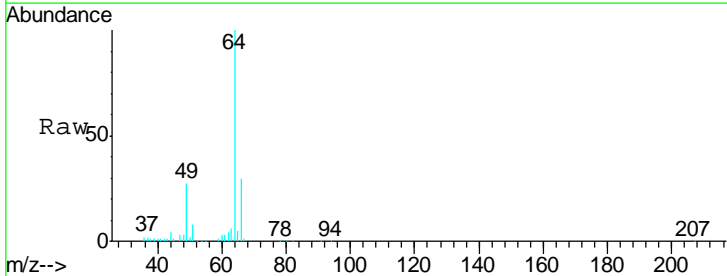
Tgt Ion: 94 Resp: 161852
 Ion Ratio Lower Upper
 94 100
 96 95.8 77.0 115.6

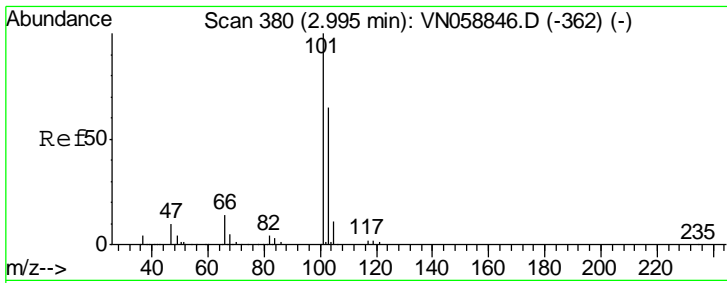
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#6
 Chloroethane
 Concen: 43.486 ug/l
 RT: 2.68 min Scan# 282
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 64 Resp: 170635
 Ion Ratio Lower Upper
 64 100
 66 30.4 25.0 37.4





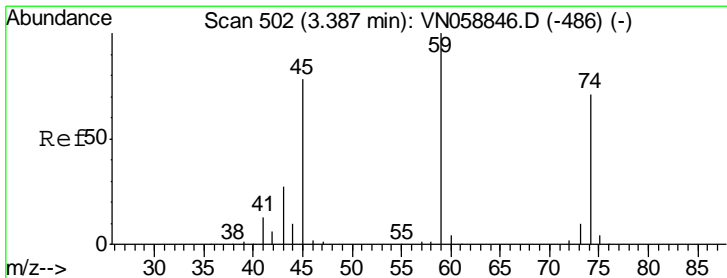
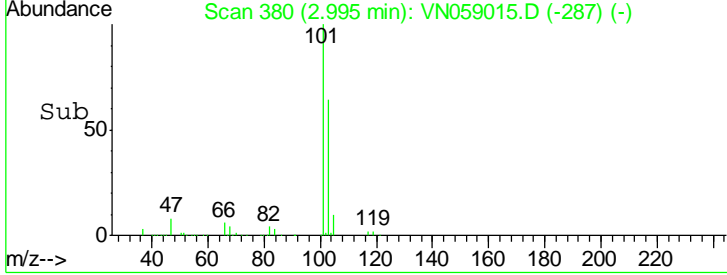
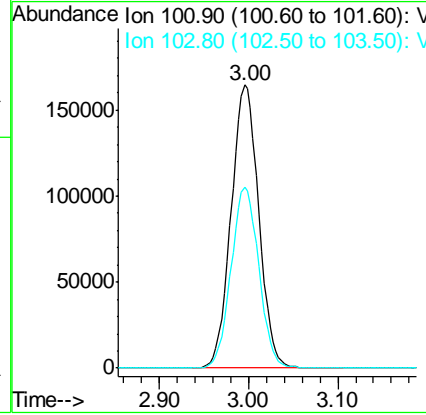
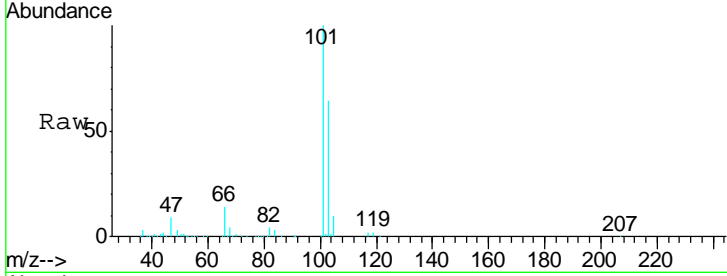
#7
 Trichlorofluoromethane
 Concen: 46.668 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion:101 Resp: 353321
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.2

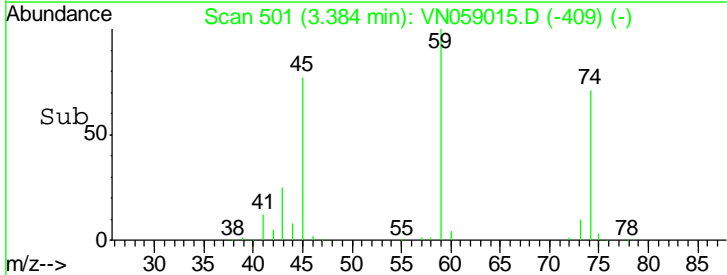
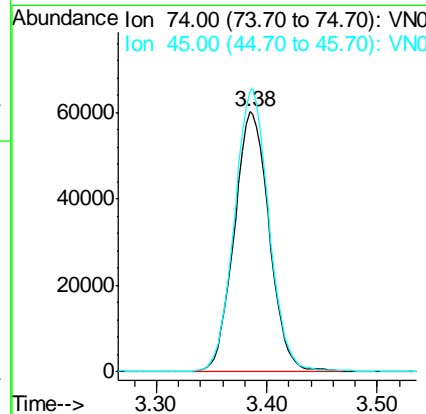
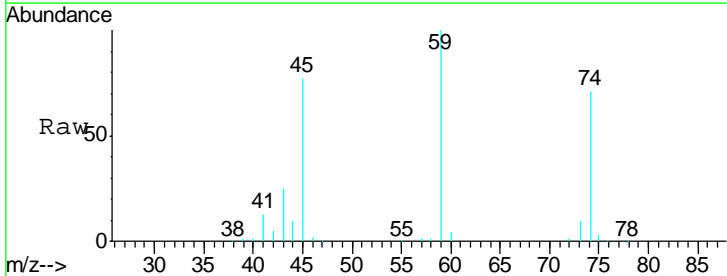
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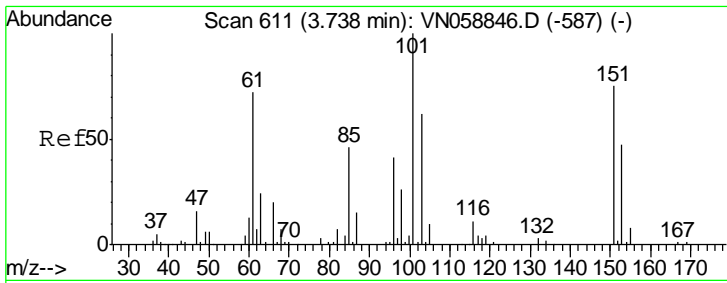
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#8
 Diethyl Ether
 Concen: 50.565 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059015.D
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Tgt Ion: 74 Resp: 132295
 Ion Ratio Lower Upper
 74 100
 45 107.7 54.9 164.5





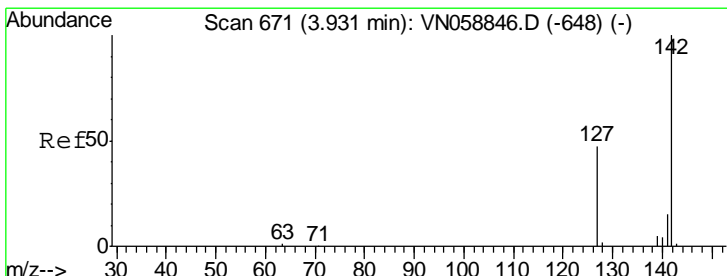
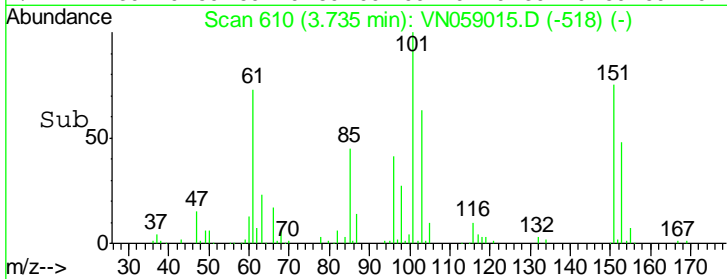
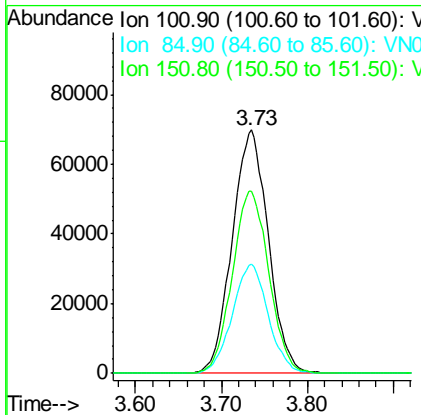
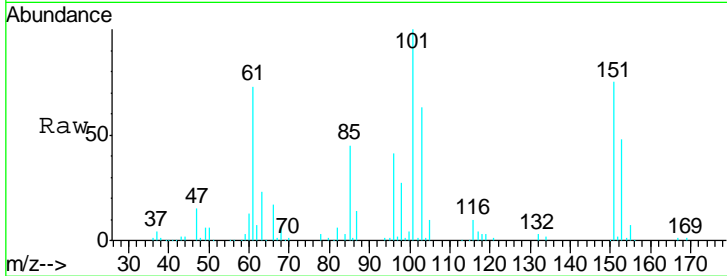
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.628 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
101	204099		
85	44.6	37.2	55.8
151	75.6	59.9	89.9

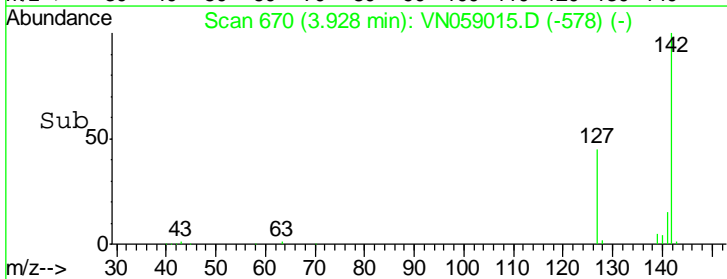
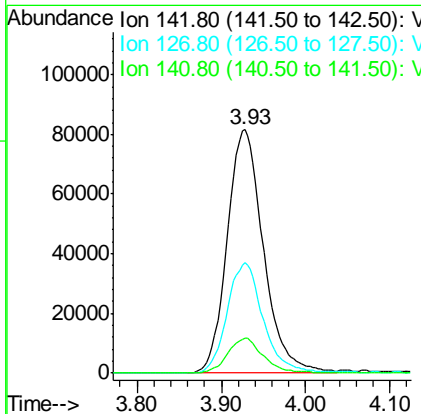
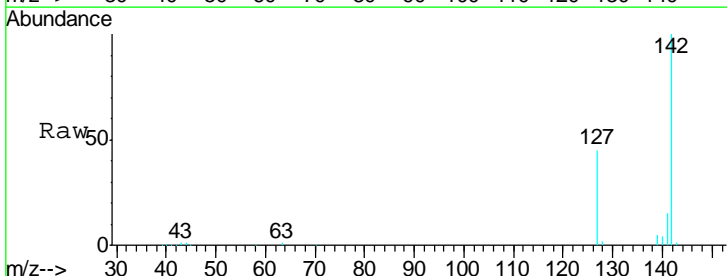
Manual Integrations
 APPROVED

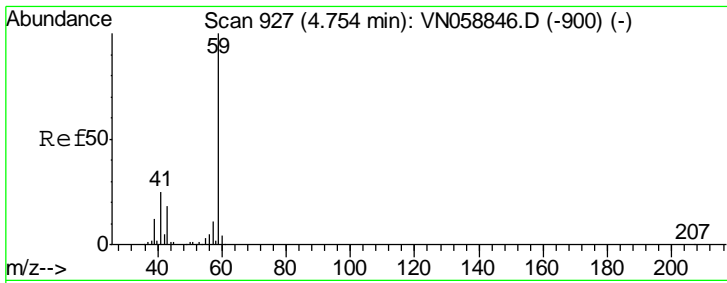
MMDadoda
 10/31/2019 3:37:15 PM



#10
 Methyl Iodide
 Concen: 44.306 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
142	244580		
127	45.0	36.6	54.8
141	14.2	11.4	17.2





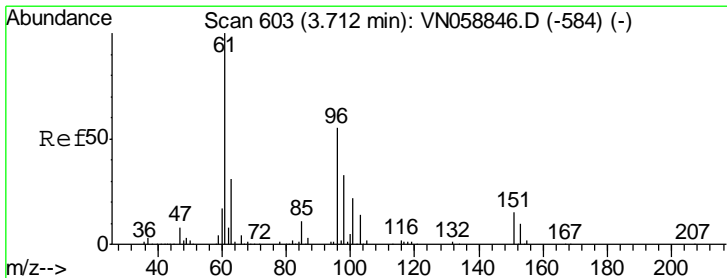
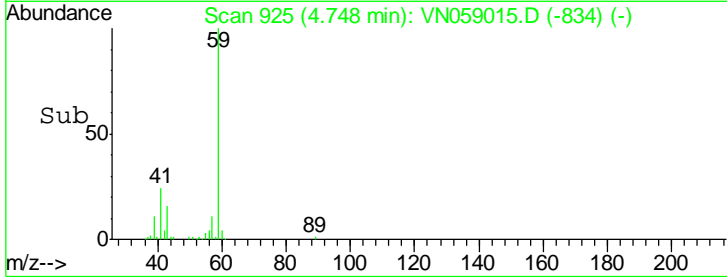
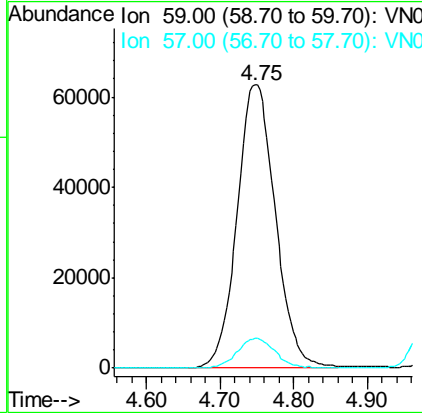
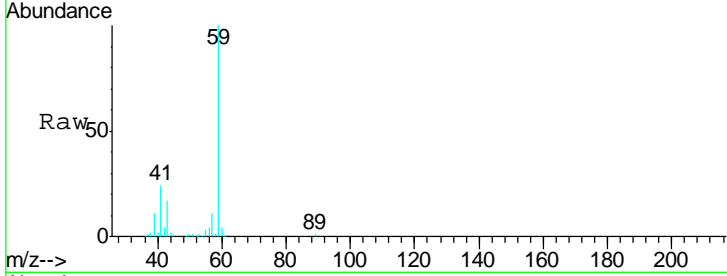
#11
 Tert butyl alcohol
 Concen: 233.967 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
59	100		
57	10.4	8.6	12.8

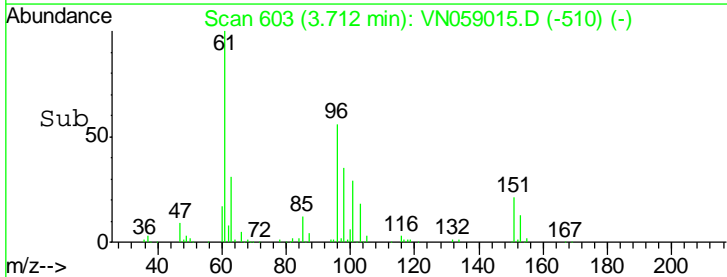
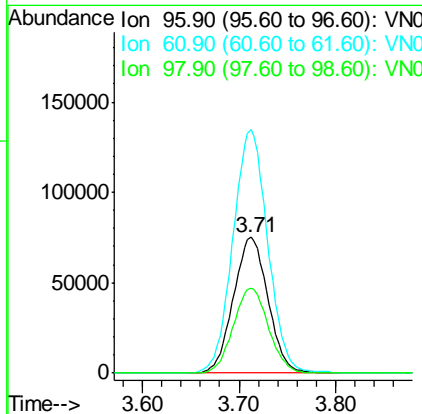
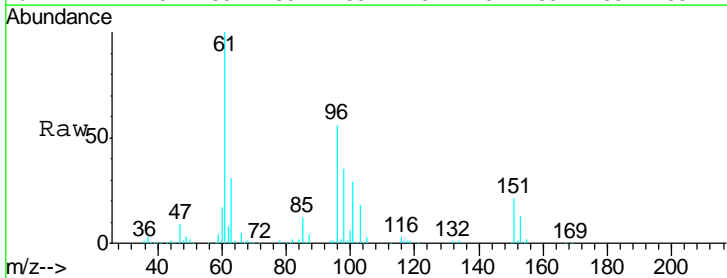
Manual Integrations
APPROVED

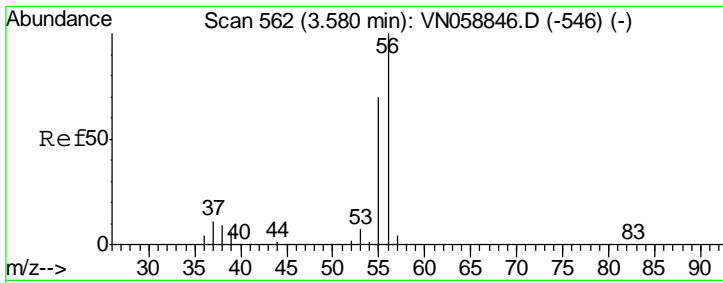
MMDadoda
 10/31/2019 3:37:15 PM



#12
 1,1-Dichloroethene
 Concen: 47.450 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
96	100		
61	179.7	146.2	219.2
98	62.8	48.7	73.1





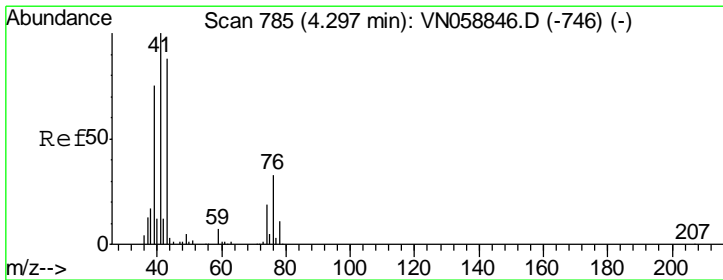
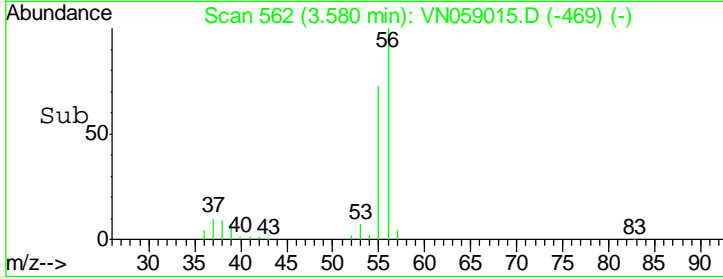
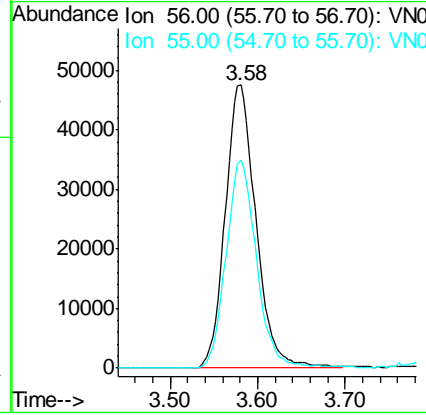
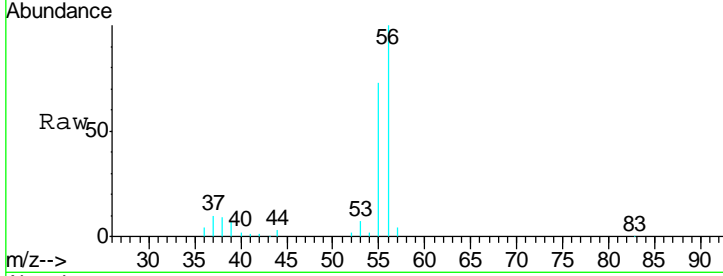
#13
 Acrolein
 Concen: 173.552 ug/l
 RT: 3.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	115827		
55	72.3	56.6	85.0

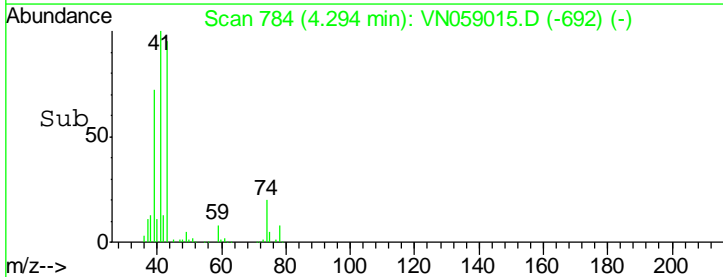
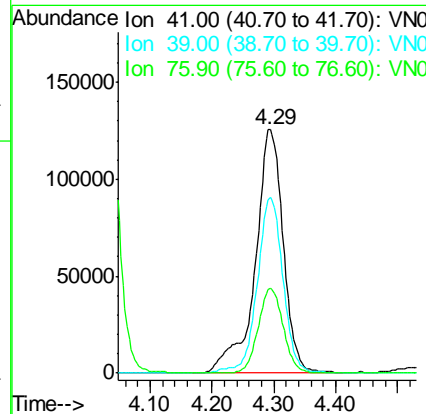
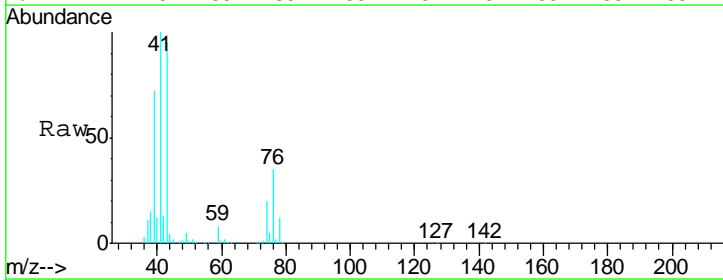
Manual Integrations
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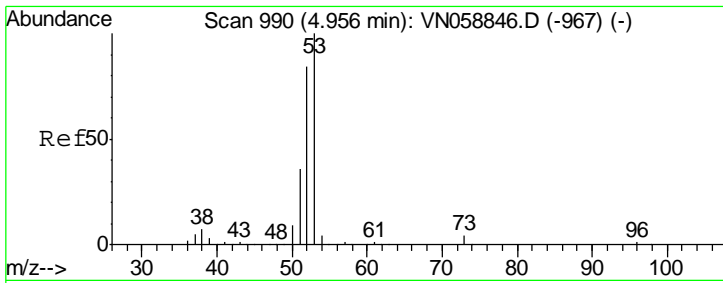
MMDadoda
 10/31/2019 3:37:15 PM



#14
 Allyl chloride
 Concen: 49.904 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
41	397283		
39	66.3	55.9	83.9
76	31.0	24.1	36.1





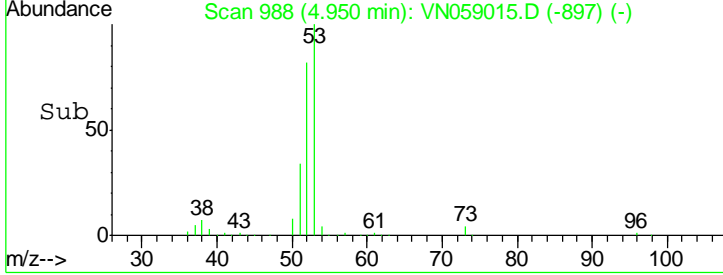
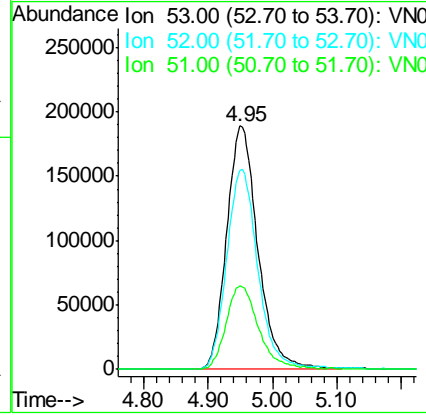
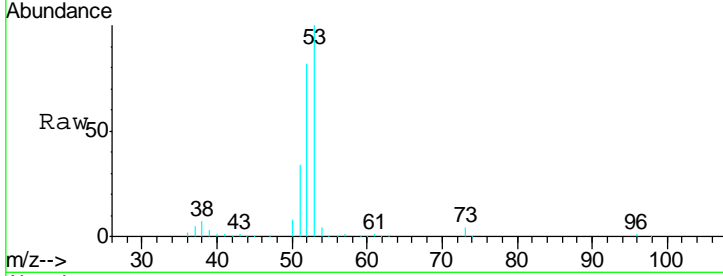
#15
 Acrylonitrile
 Concen: 260.856 ug/l
 RT: 4.95 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
53	100		
52	82.2	66.6	99.8
51	35.6	29.2	43.8

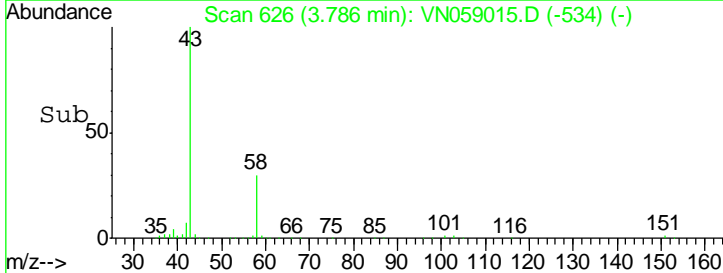
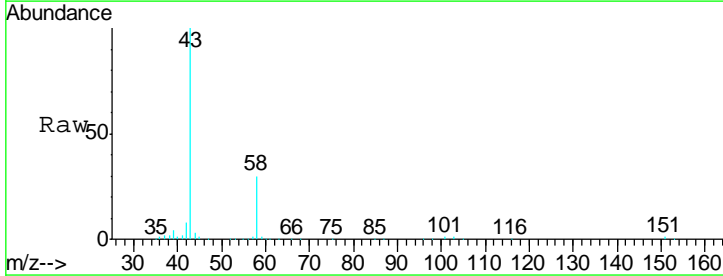
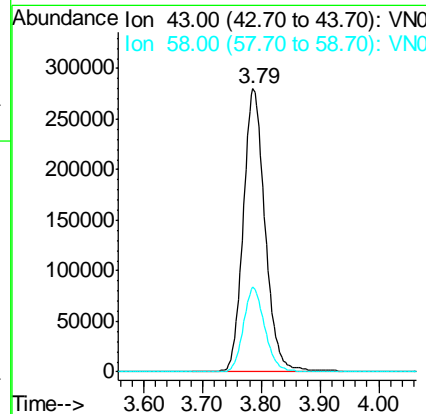
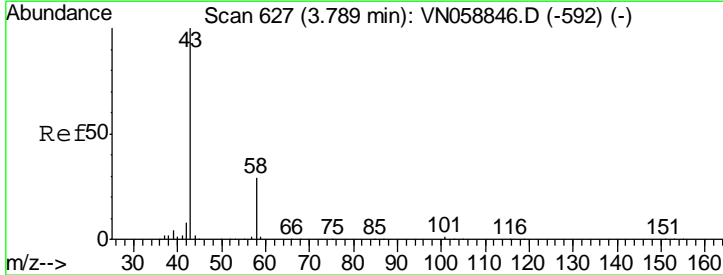
Manual Integrations
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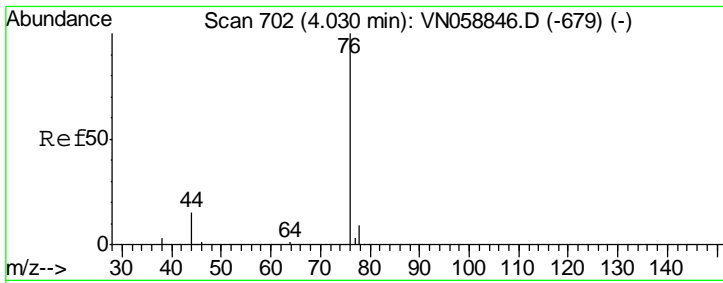
MMDadoda
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#16
 Acetone
 Concen: 251.158 ug/l
 RT: 3.79 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
43	100		
58	29.9	23.1	34.7





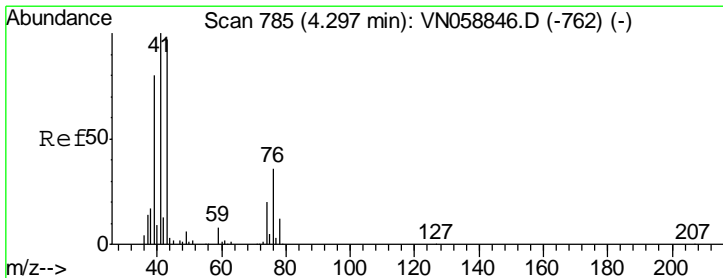
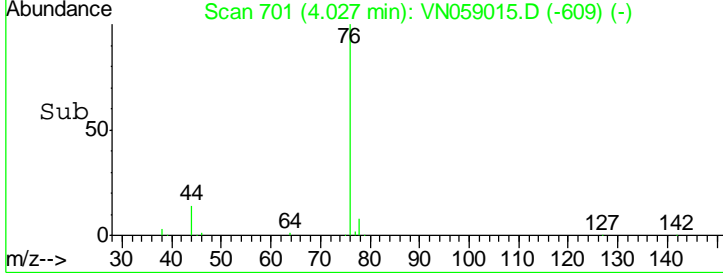
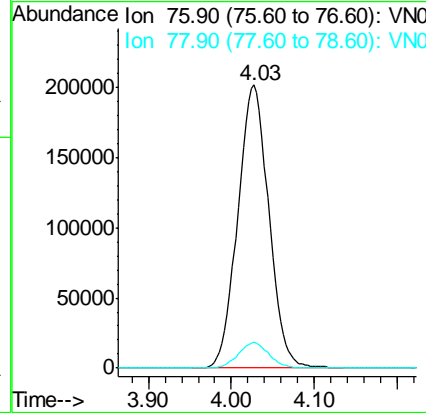
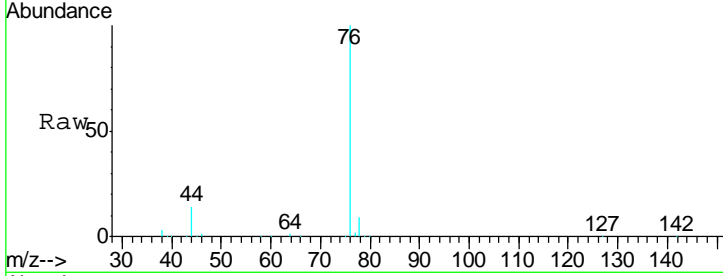
#17
 Carbon Disulfide
 Concen: 41.516 ug/l
 RT: 4.03 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
76	100		
78	9.1	7.1	10.7

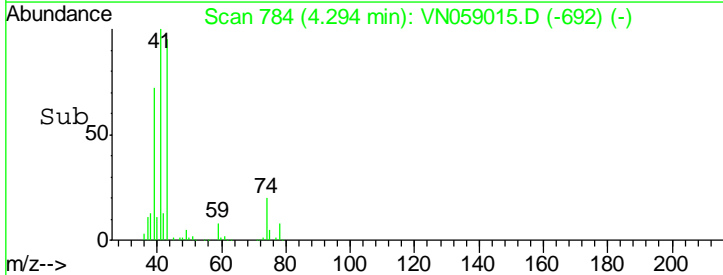
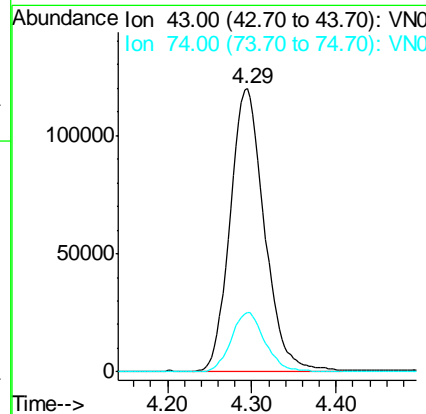
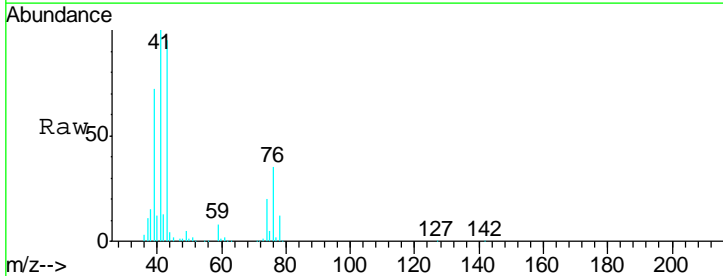
Manual Integrations
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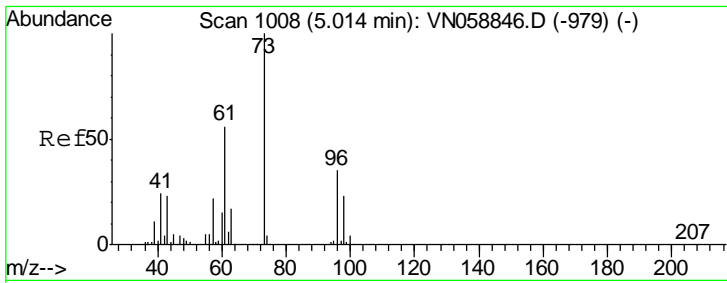
MMDadoda
 10/31/2019 3:37:15 PM



#18
 Methyl Acetate
 Concen: 51.199 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
43	100		
74	20.9	17.1	25.7





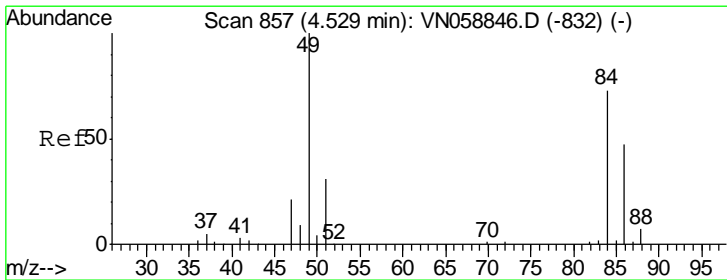
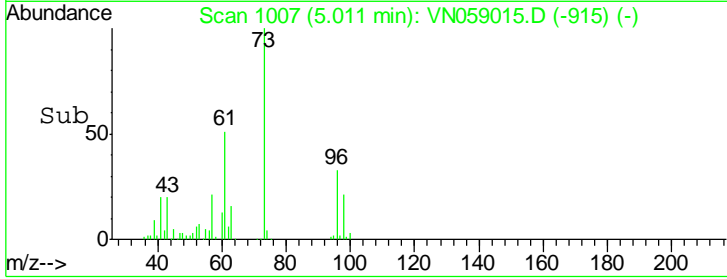
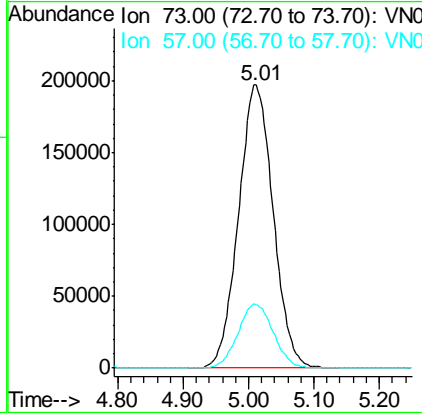
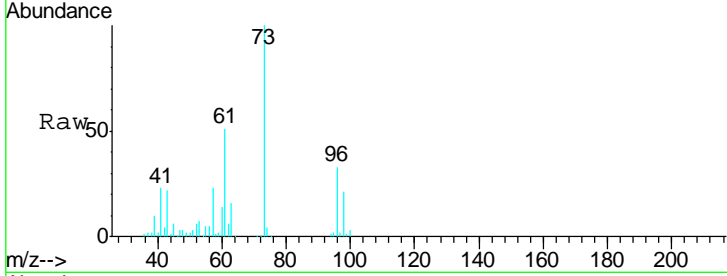
#19
 Methyl tert-butyl Ether
 Concen: 52.693 ug/l
 RT: 5.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
73	100		
57	22.5	17.9	26.9

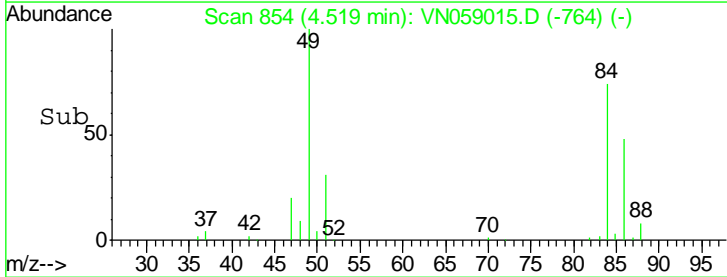
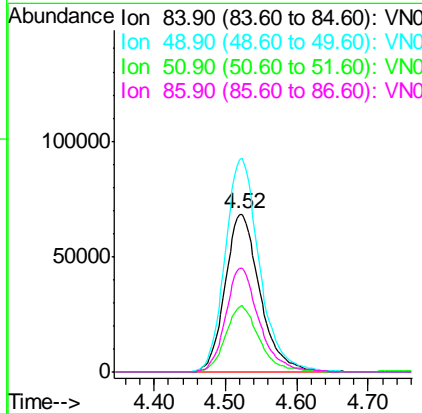
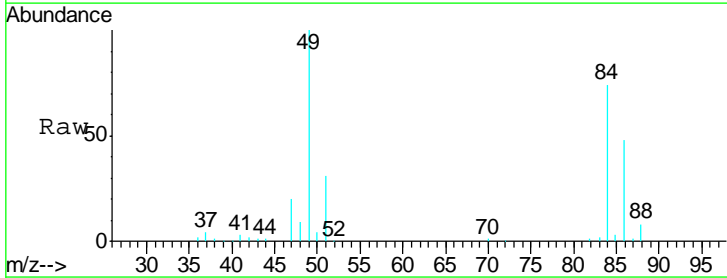
Manual Integrations
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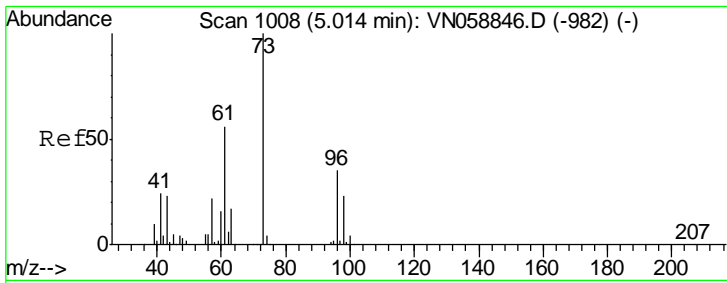
MMDadoda
 10/31/2019 3:37:15 PM



#20
 Methylene Chloride
 Concen: 46.968 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
84	100		
49	134.4	109.6	164.4
51	41.3	33.8	50.6
86	65.3	51.5	77.3





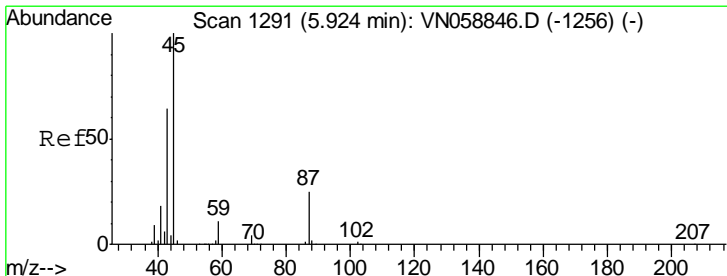
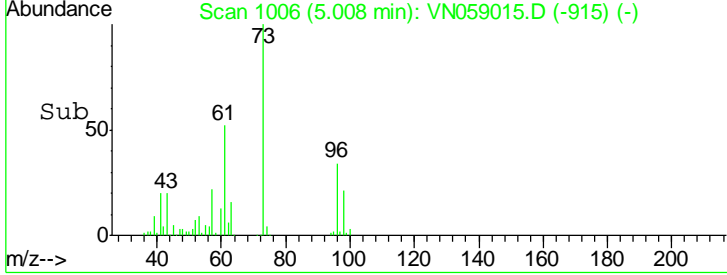
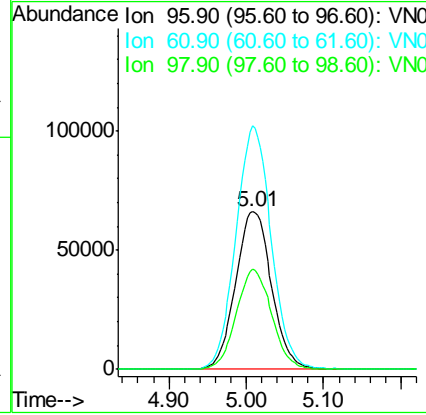
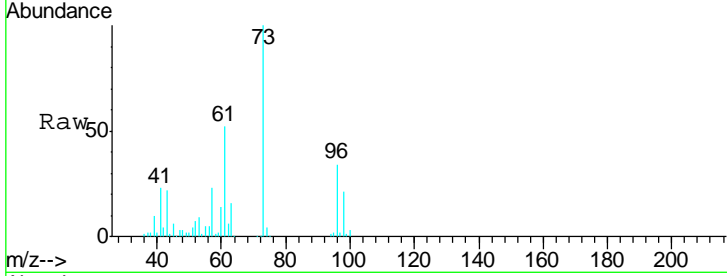
#21
 trans-1,2-Dichloroethene
 Concen: 49.149 ug/l
 RT: 5.01 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	213540		
61	154.8	126.7	190.1
98	63.6	52.0	78.0

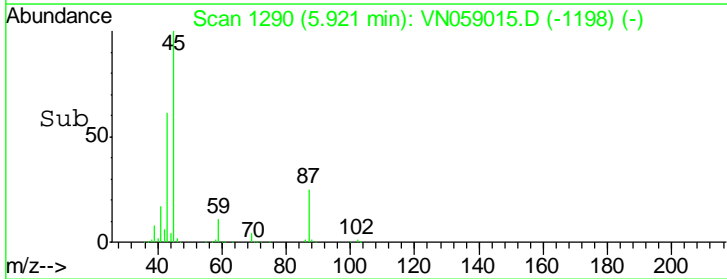
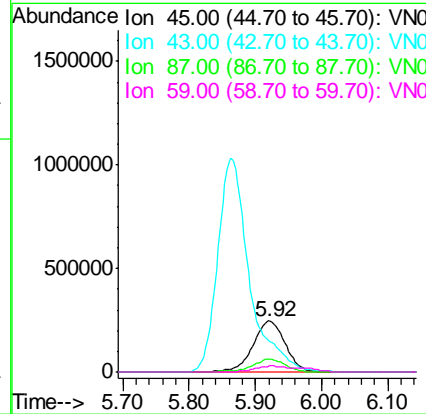
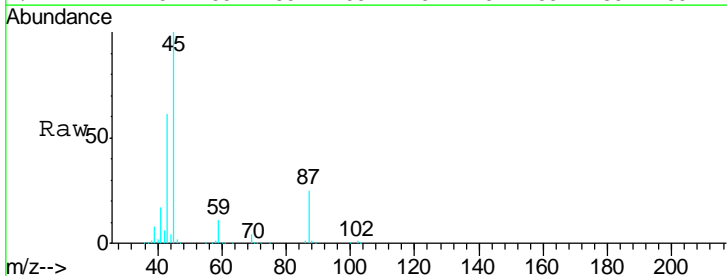
Manual Integrations
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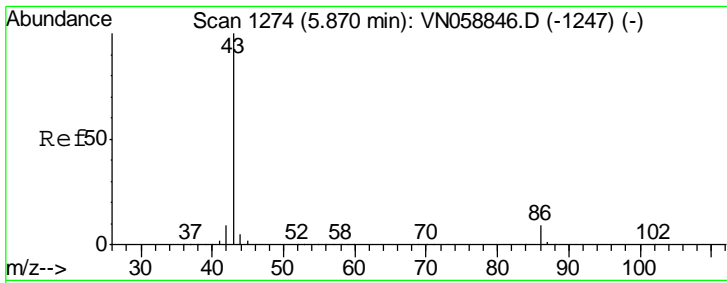
MMDadoda
 10/31/2019 3:37:15 PM



#22
 Diisopropyl ether
 Concen: 53.499 ug/l
 RT: 5.92 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
45	833059		
43	60.4	52.9	79.3
87	24.9	20.2	30.4
59	11.2	8.8	13.2





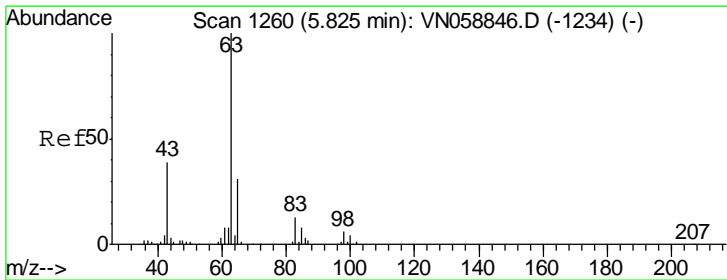
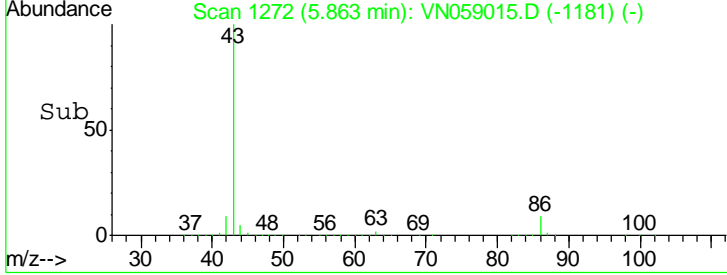
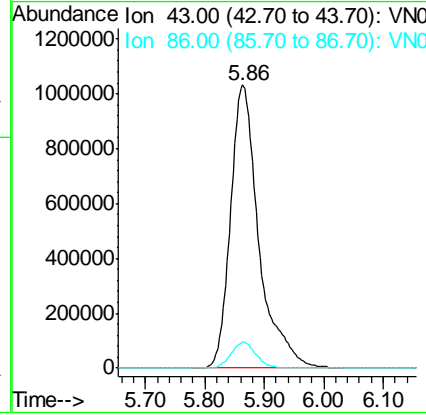
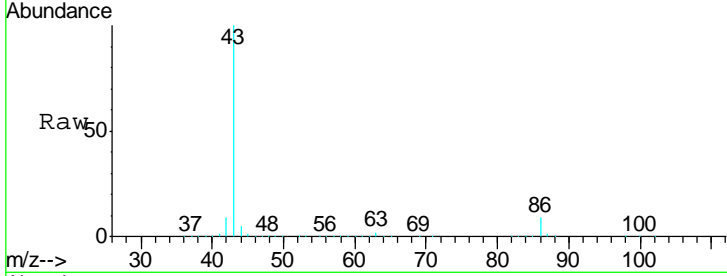
#23
 Vinyl Acetate
 Concen: 273.422 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 3420660

Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.2	10.8

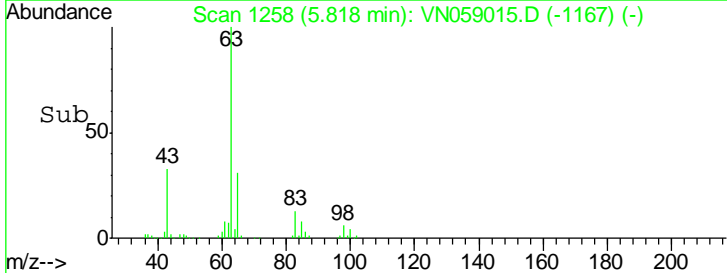
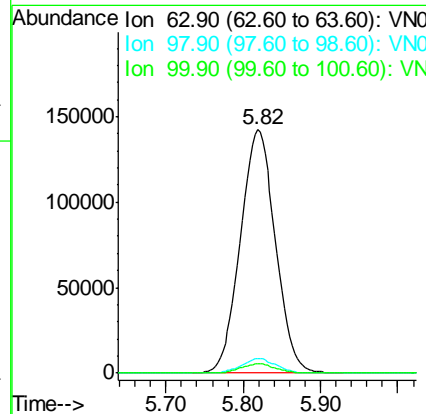
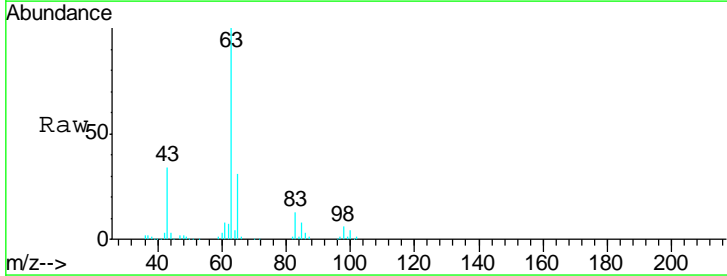
Manual Integrations
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 MMDadoda
 10/31/2019 3:37:15 PM

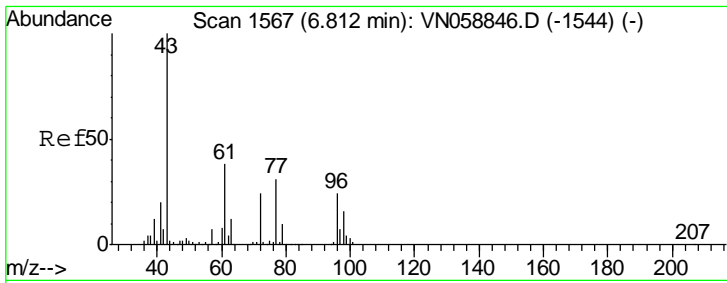


#24
 1,1-Dichloroethane
 Concen: 49.714 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 63 Resp: 448870

Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.8	8.4
100	3.8	1.9	5.7



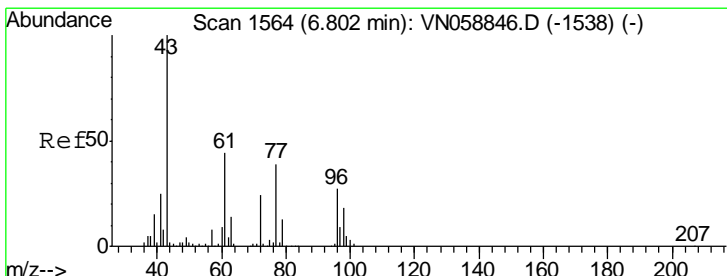
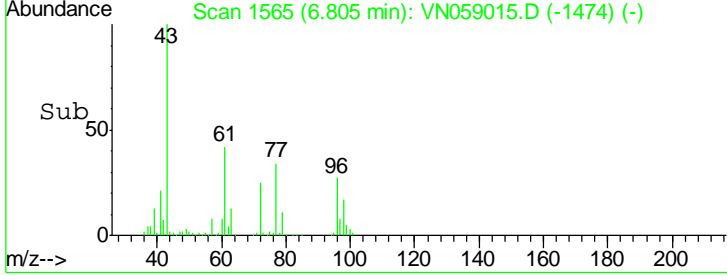
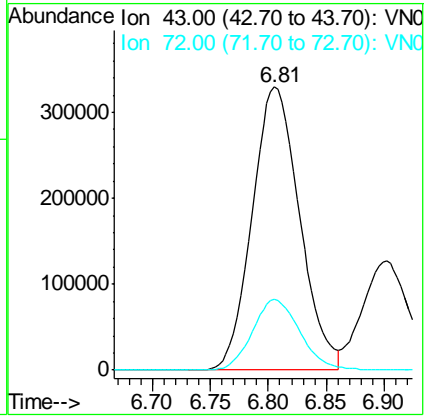
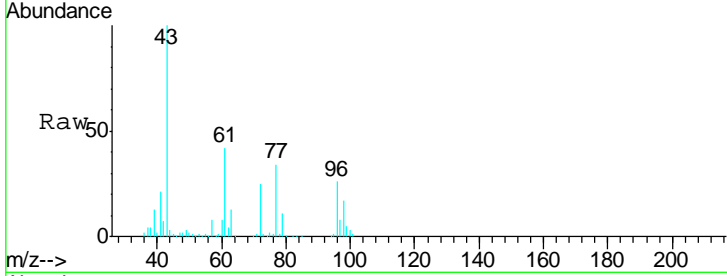


#25
 2-Butanone
 Concen: 249.585 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

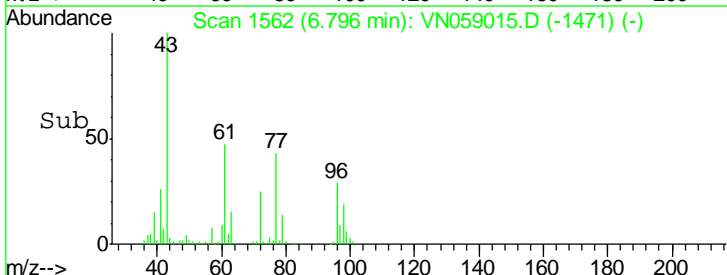
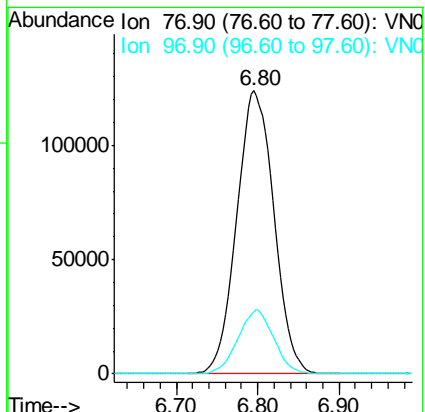
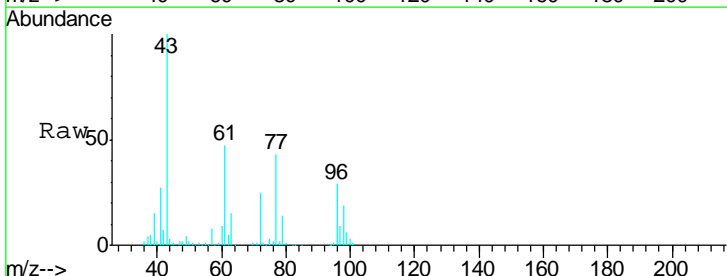
Tgt Ion: 43 Resp: 937066
 Ion Ratio Lower Upper
 43 100
 72 25.0 19.1 28.7

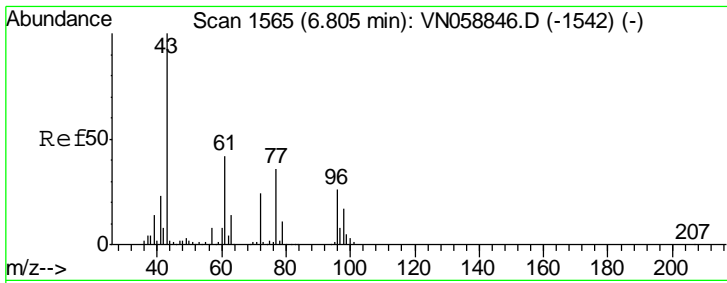
Manual Integrations
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#26
 2,2-Dichloropropane
 Concen: 50.261 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 77 Resp: 392528
 Ion Ratio Lower Upper
 77 100
 97 21.6 10.6 31.8





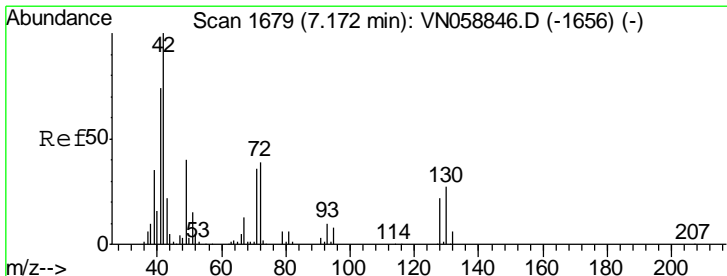
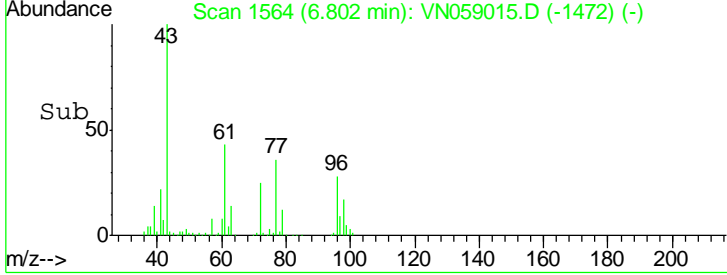
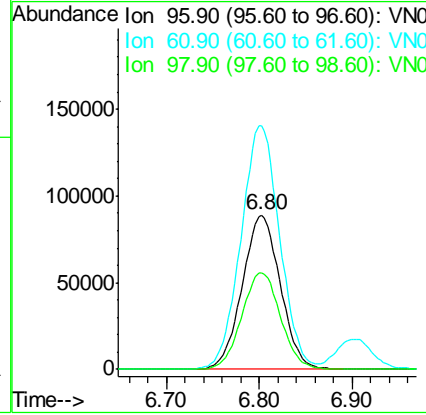
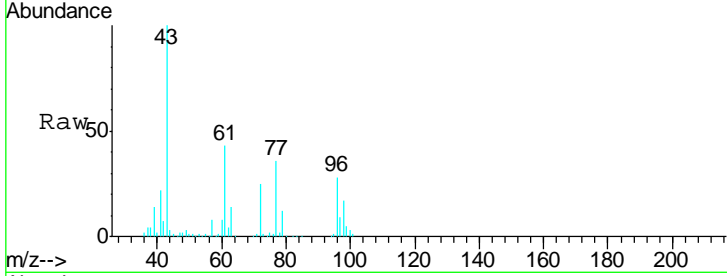
#27
 cis-1,2-Dichloroethene
 Concen: 51.079 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	253520		
96	100		
61	160.7	0.0	325.0
98	63.8	0.0	128.0

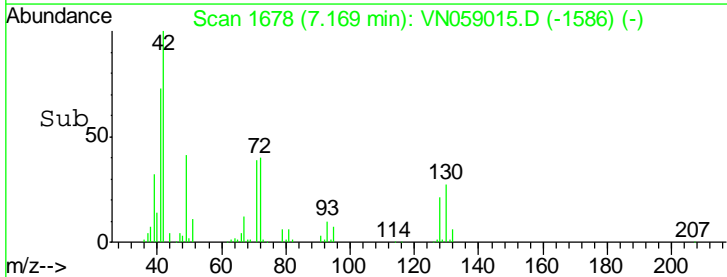
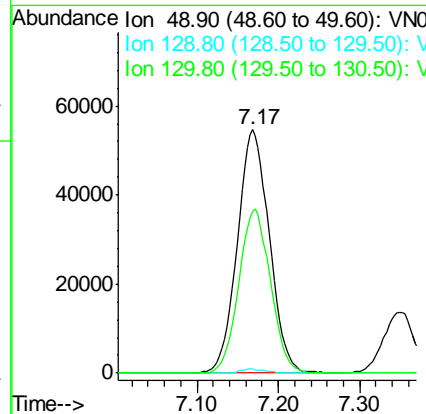
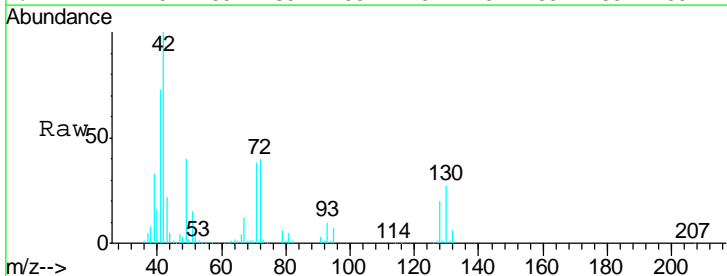
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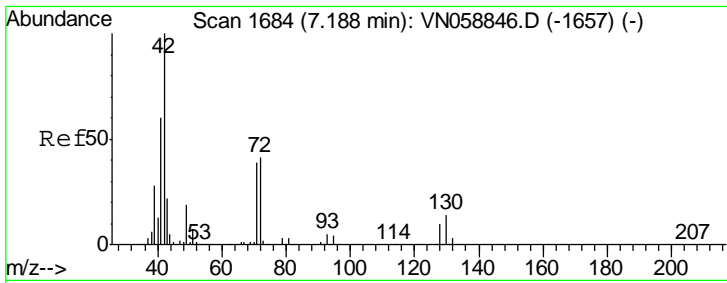
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#28
 Bromochloromethane
 Concen: 49.478 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
49	148782		
49	100		
129	1.3	0.0	3.2
130	66.3	53.5	80.3





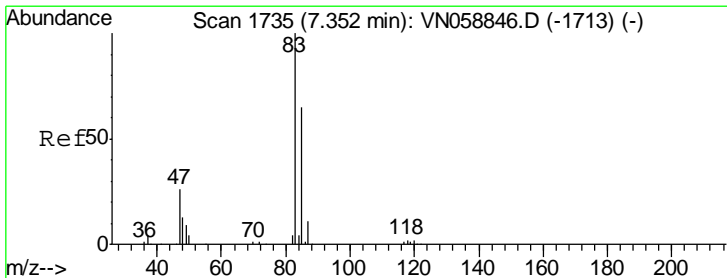
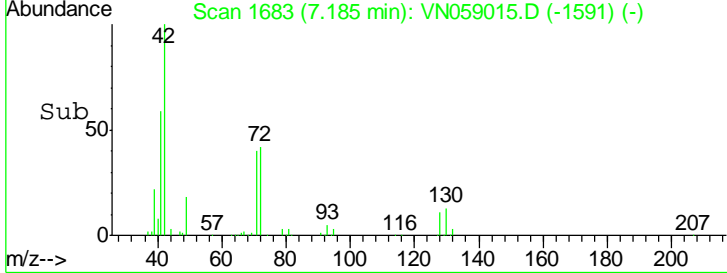
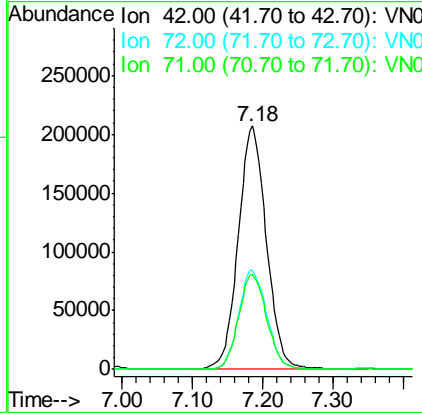
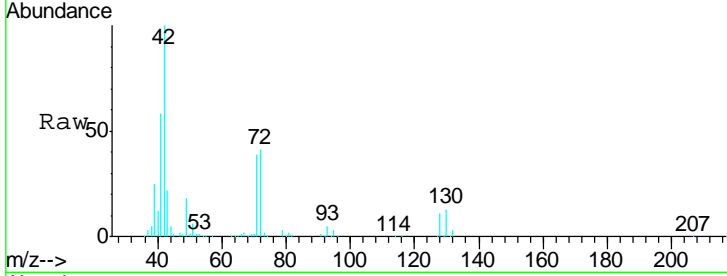
#29
 Tetrahydrofuran
 Concen: 250.172 ug/l
 RT: 7.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
42	100		
72	40.9	32.2	48.2
71	38.7	30.6	45.8

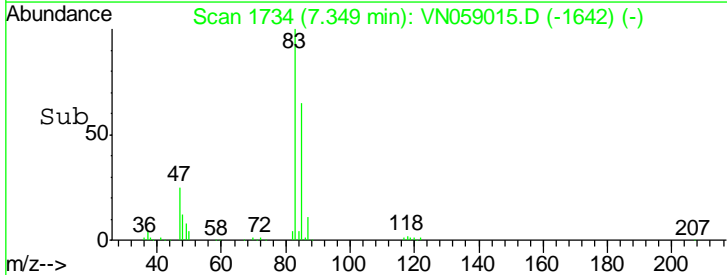
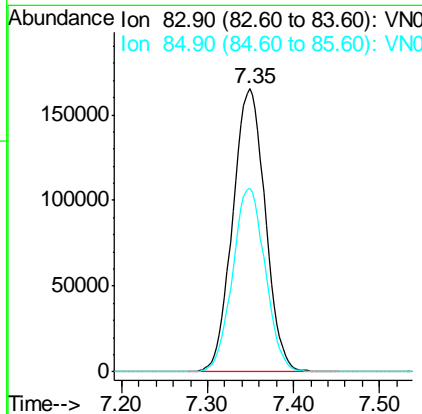
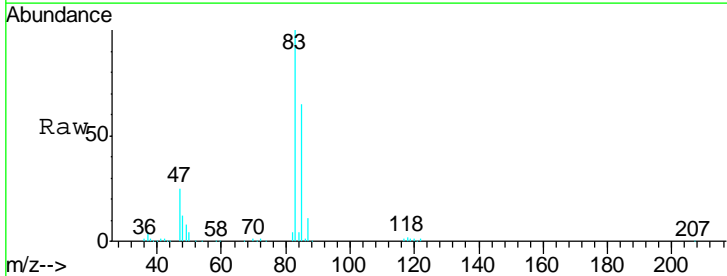
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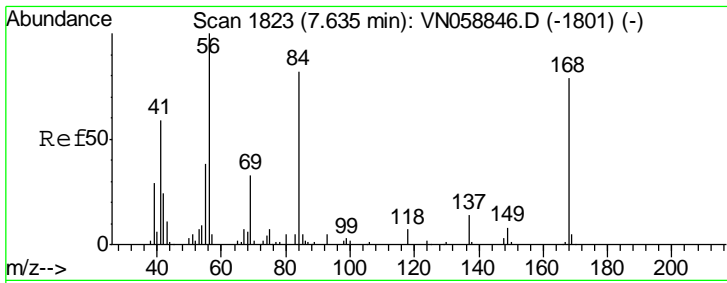
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#30
 Chloroform
 Concen: 47.996 ug/l
 RT: 7.35 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.8	51.9	77.9





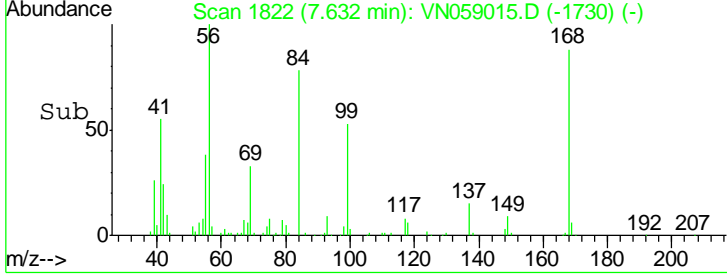
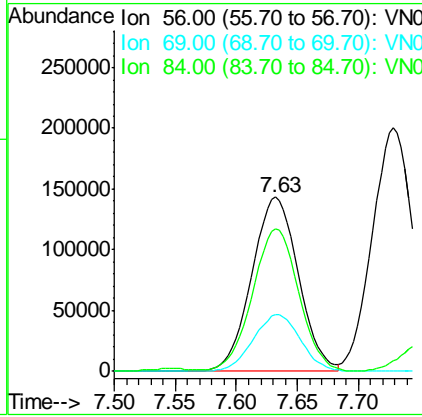
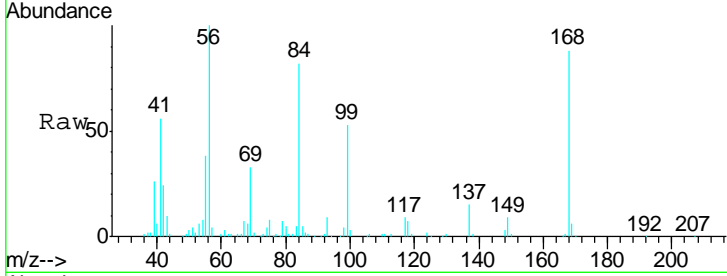
#31
 Cyclohexane
 Concen: 45.248 ug/l
 RT: 7.63 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion: 56 Resp: 380608

Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.2	39.4
84	80.6	65.6	98.4

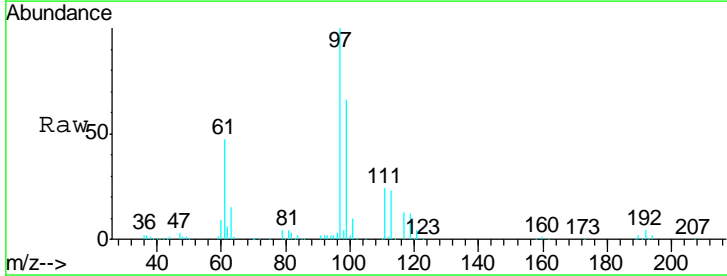
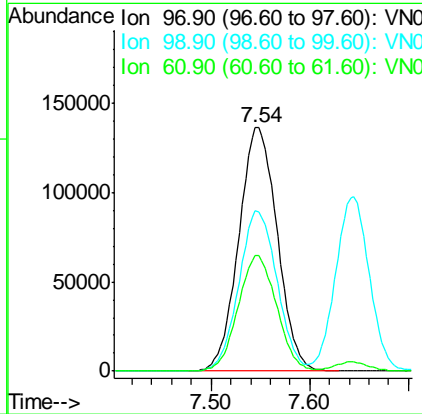
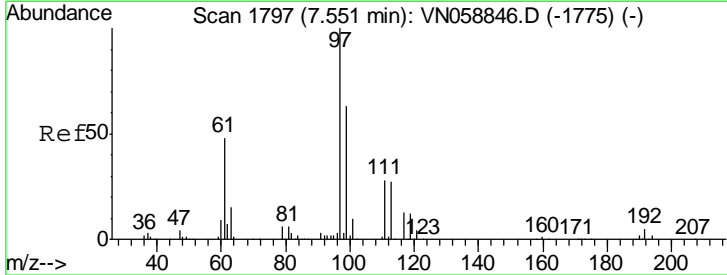
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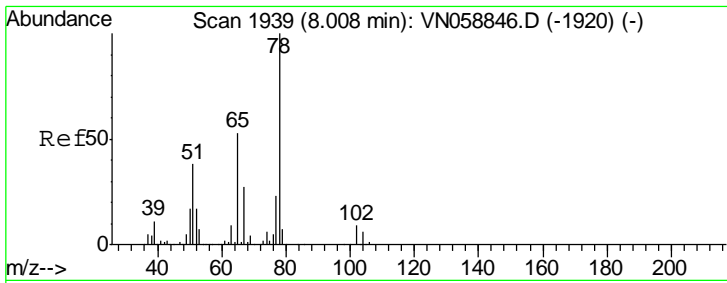


#32
 1,1,1-Trichloroethane
 Concen: 48.188 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 97 Resp: 367876

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	47.4	38.6	58.0





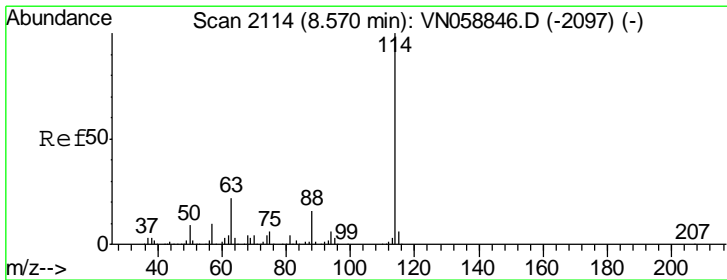
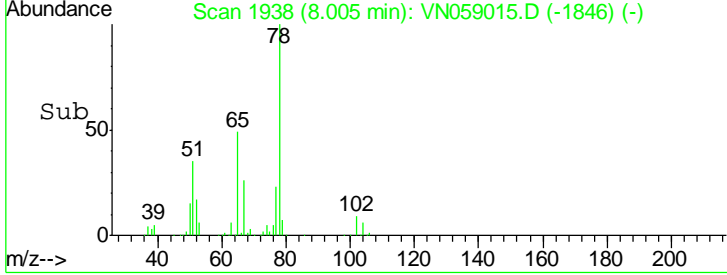
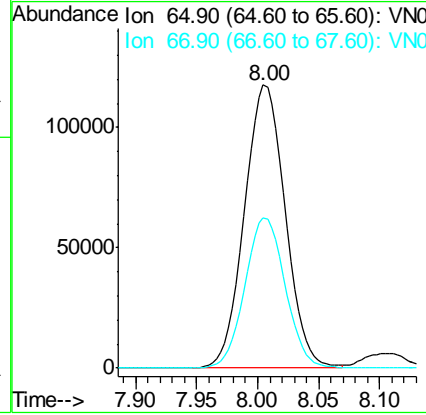
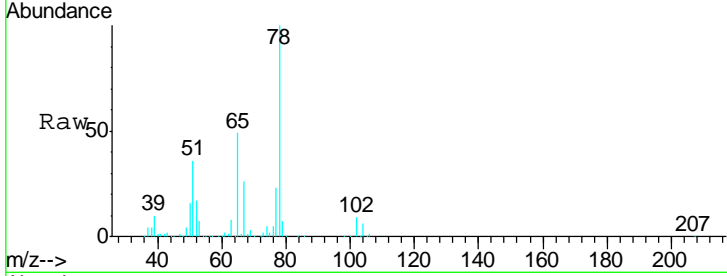
#33
 1,2-Dichloroethane-d4
 Concen: 46.485 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
65	100		
67	52.3	0.0	103.2

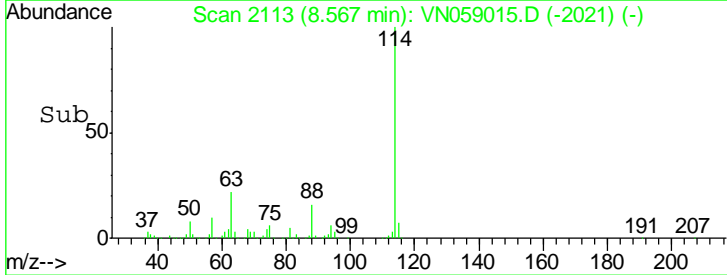
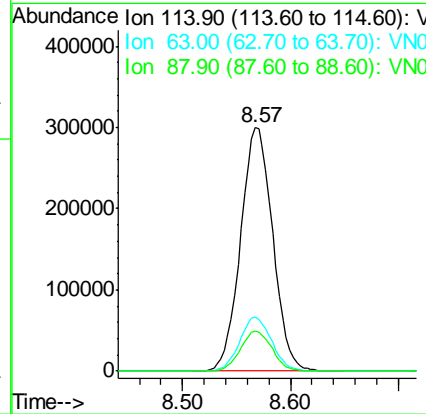
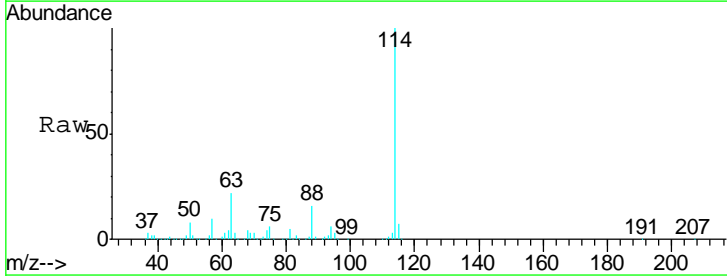
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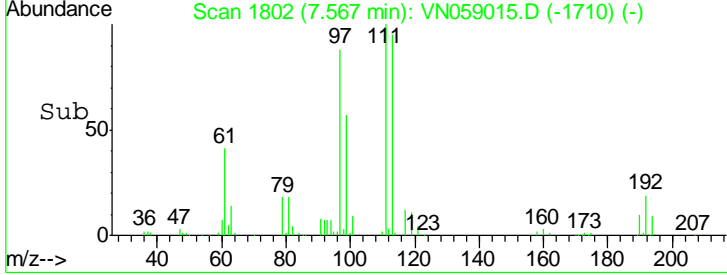
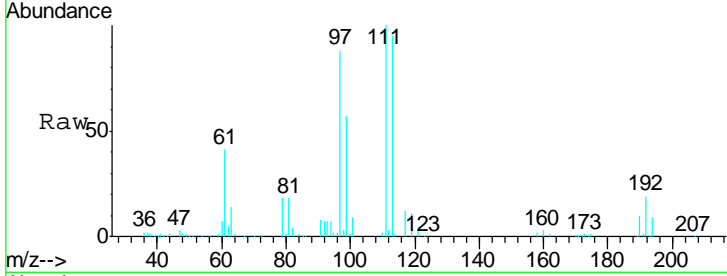
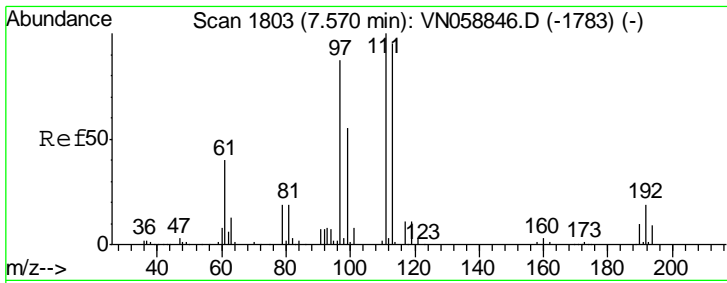
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
114	100		
63	22.1	0.0	44.4
88	16.3	0.0	31.4



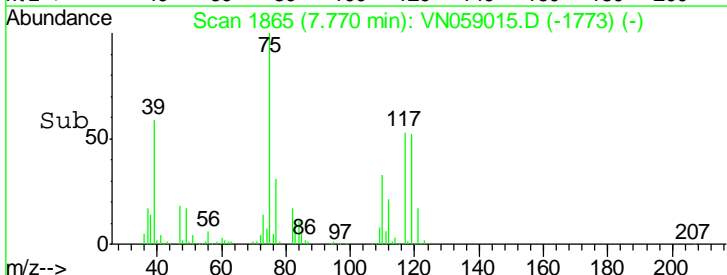
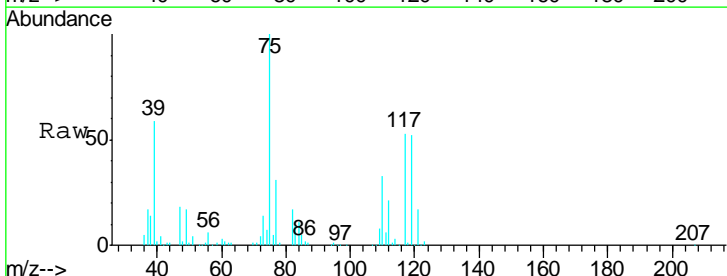
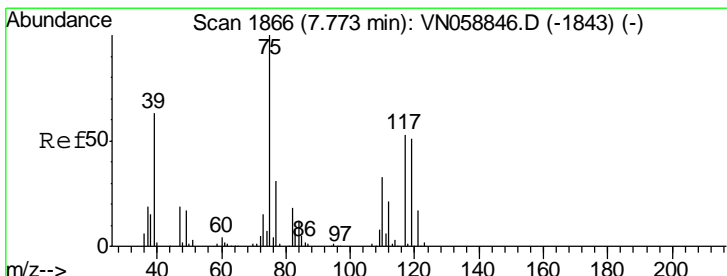
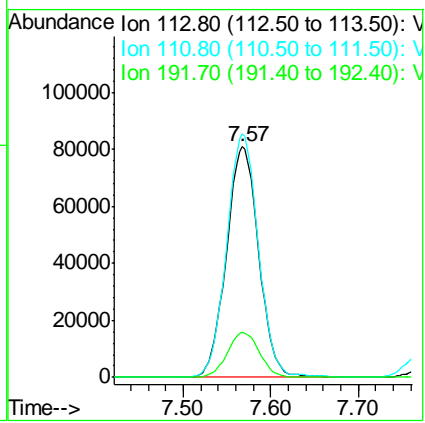


#35
 Dibromofluoromethane
 Concen: 50.515 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
113	206989		
113	100		
111	103.2	82.0	123.0
192	19.2	15.0	22.6

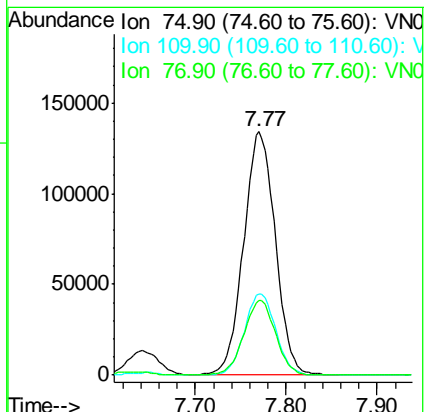
Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

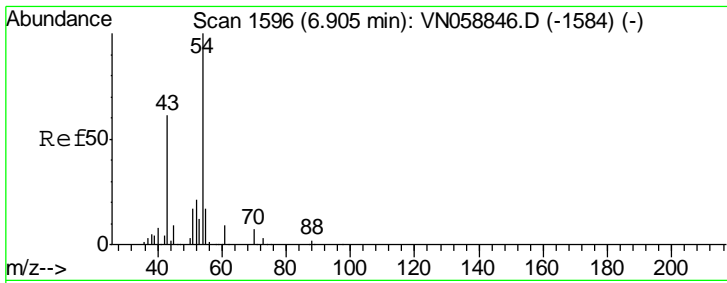
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#36
 1,1-Dichloropropene
 Concen: 50.720 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
75	323621		
75	100		
110	33.1	16.3	48.9
77	30.8	24.6	36.8





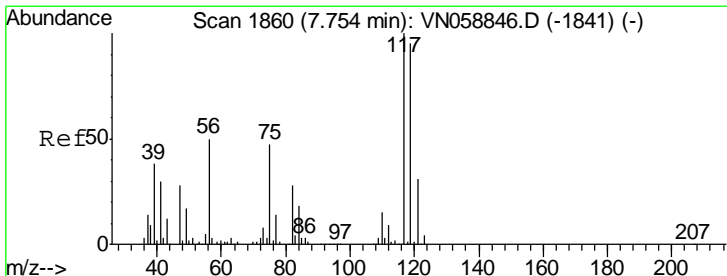
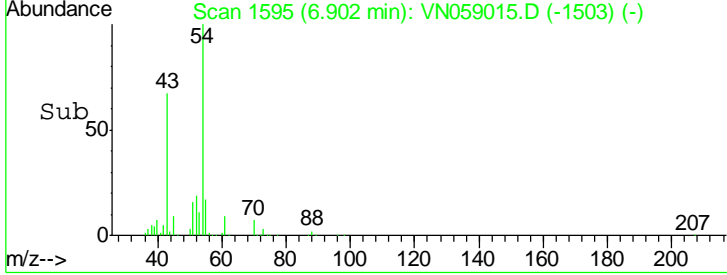
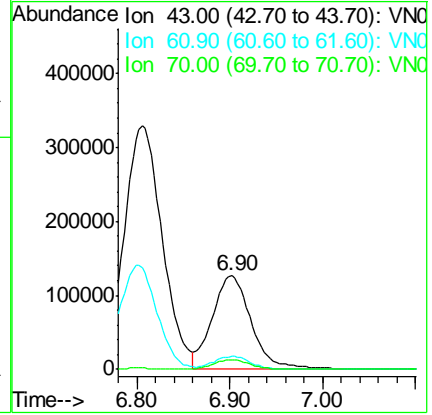
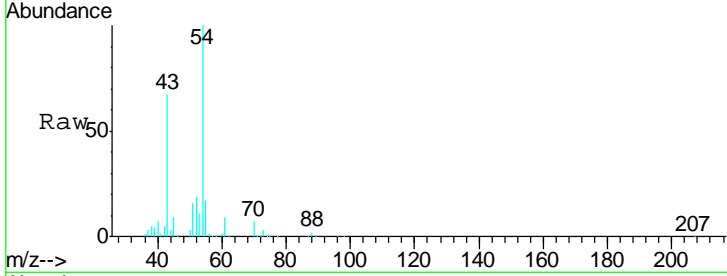
#37
 Ethyl Acetate
 Concen: 52.079 ug/l
 RT: 6.90 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.9	7.6	11.4

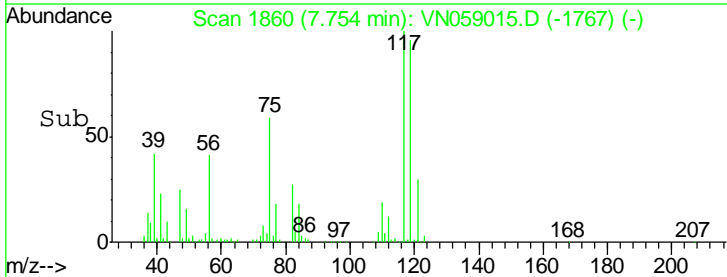
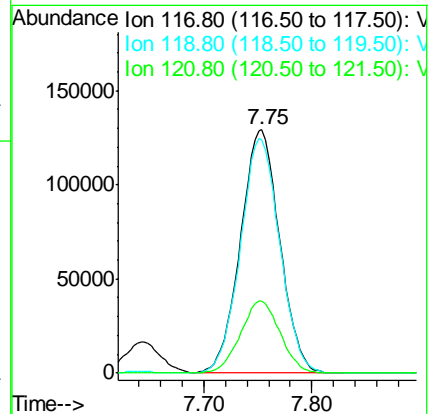
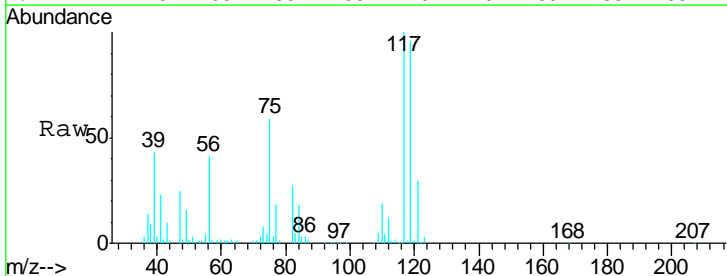
Manual Integrations
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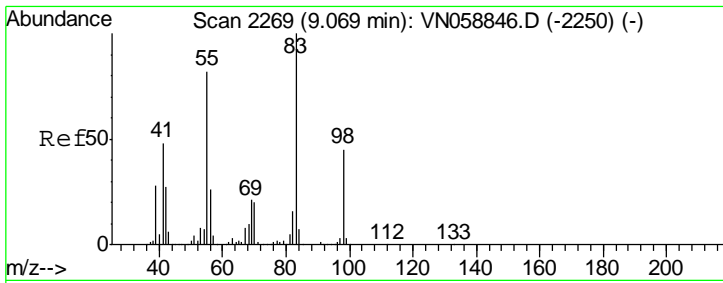
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#38
 Carbon Tetrachloride
 Concen: 49.518 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
117	100		
119	95.7	75.7	113.5
121	29.9	25.0	37.6





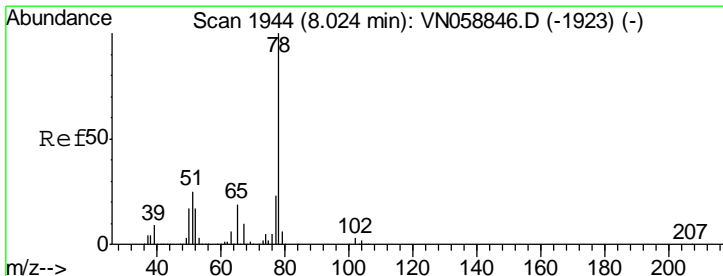
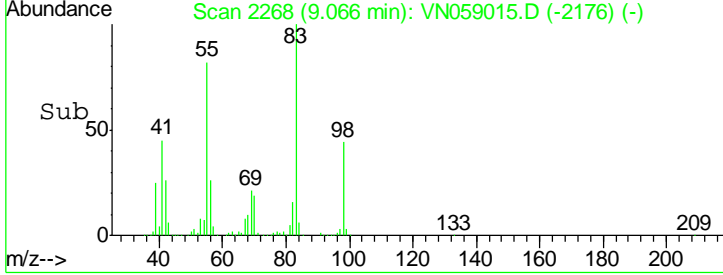
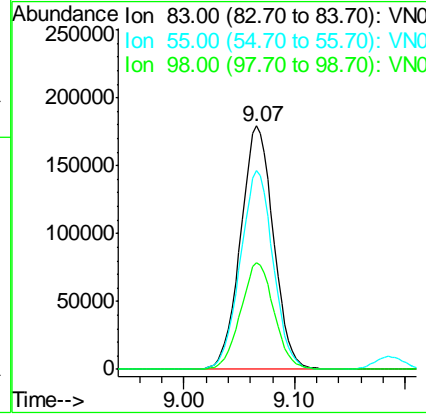
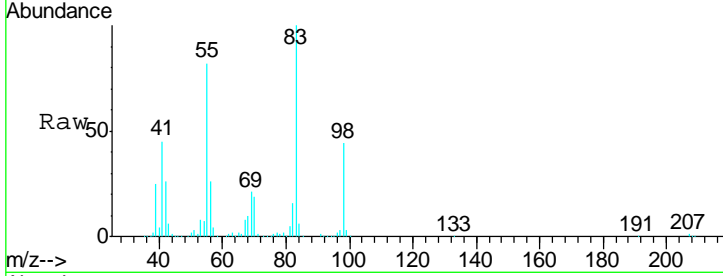
#39
 Methylcyclohexane
 Concen: 51.673 ug/l
 RT: 9.07 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	370207		
83	100		
55	81.8	65.5	98.3
98	43.6	35.7	53.5

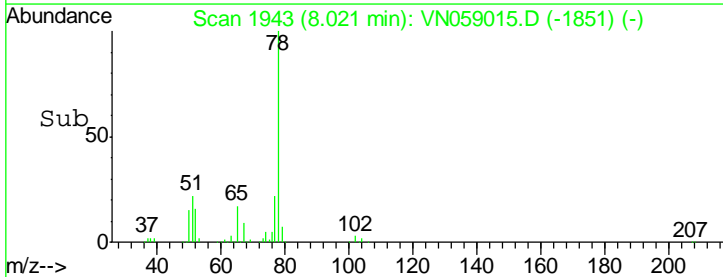
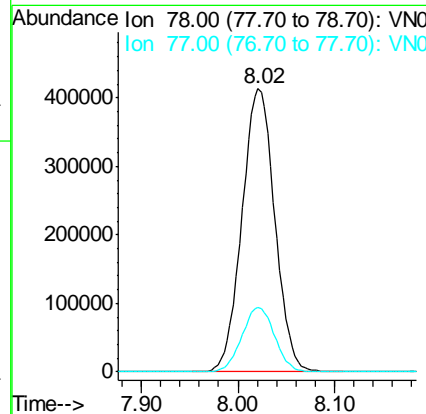
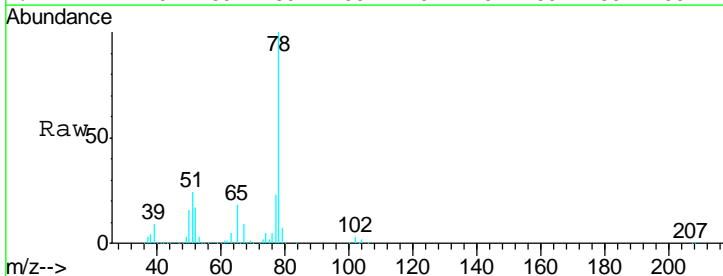
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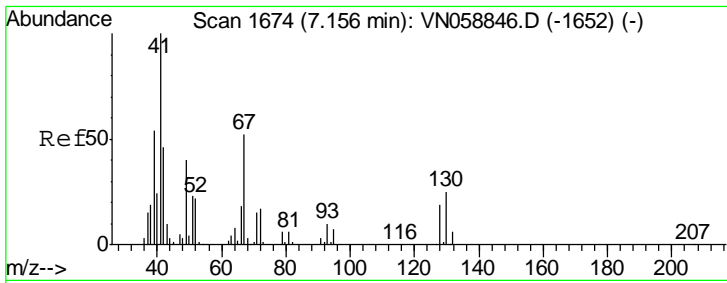
MMDadoda
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#40
 Benzene
 Concen: 51.989 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
78	974095		
78	100		
77	22.8	18.2	27.2





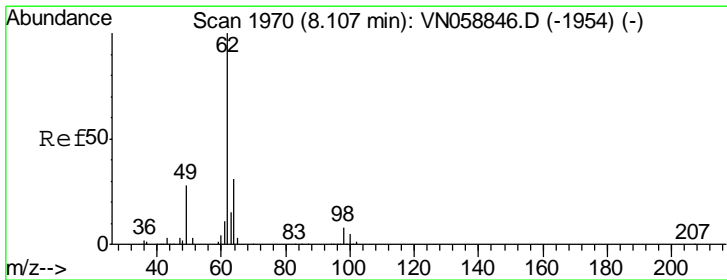
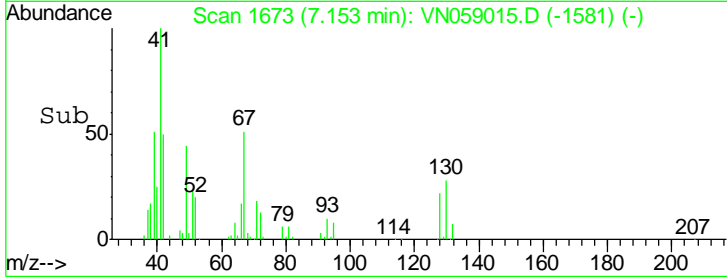
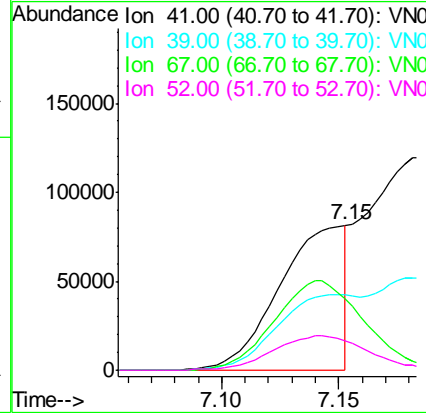
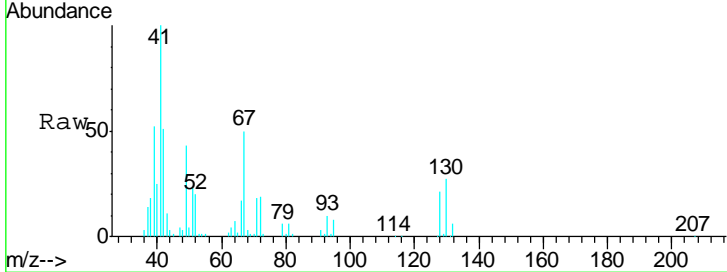
#41
 Methacrylonitrile
 Concen: 51.578 ug/l m
 RT: 7.15 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	159708		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

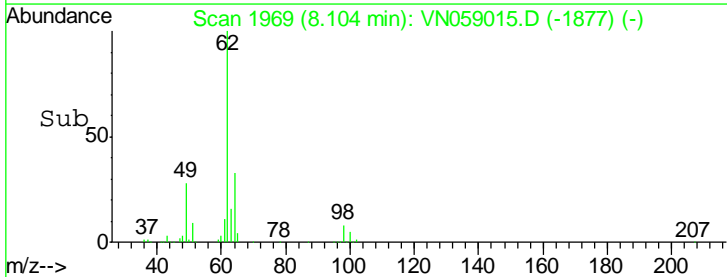
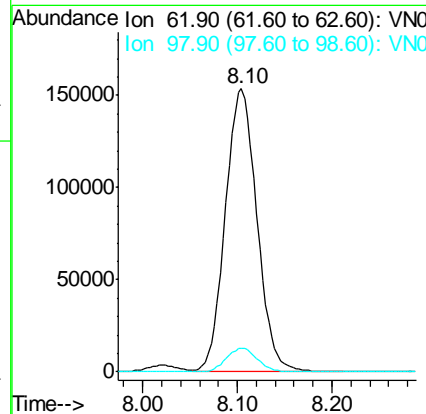
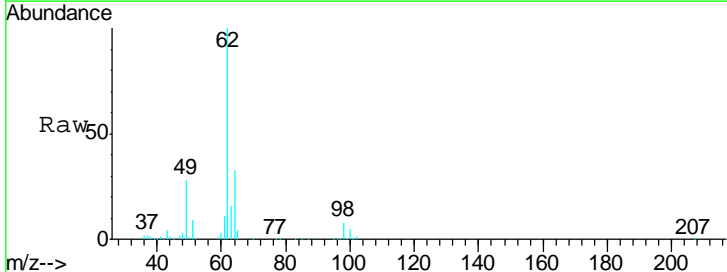
Manual Integrations
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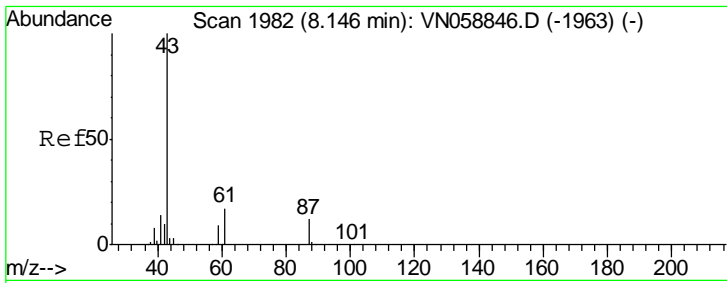
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#42
 1,2-Dichloroethane
 Concen: 49.335 ug/l
 RT: 8.10 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
62	356075		
98	8.3	0.0	16.2





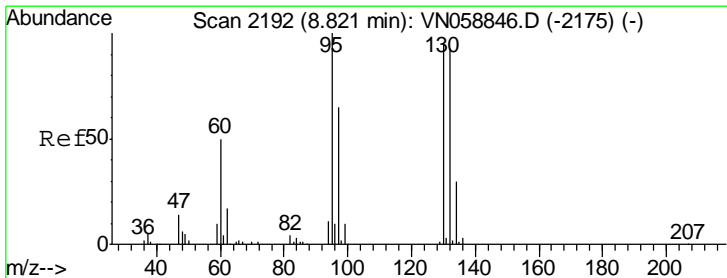
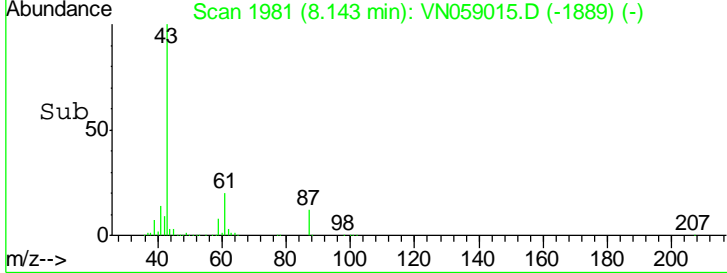
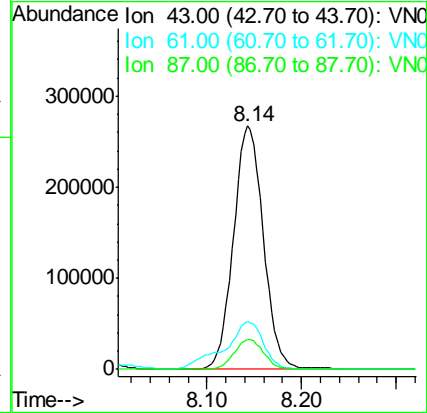
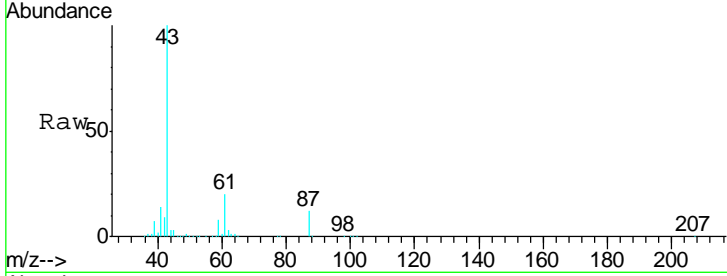
#43
 Isopropyl Acetate
 Concen: 52.362 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	25.5	20.2	30.2
87	12.1	9.5	14.3

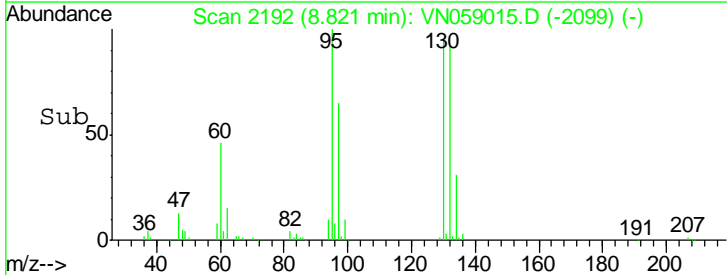
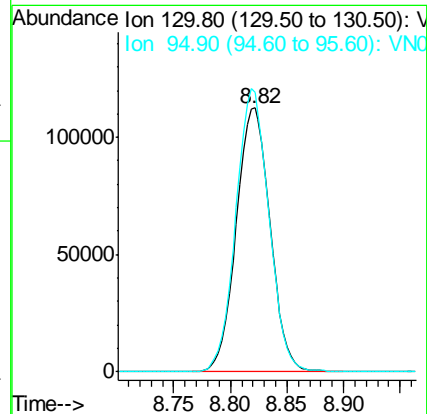
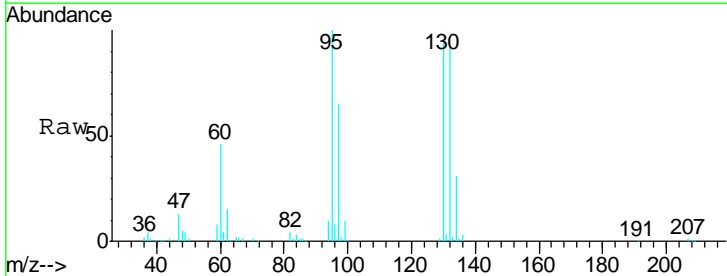
Manual Integrations
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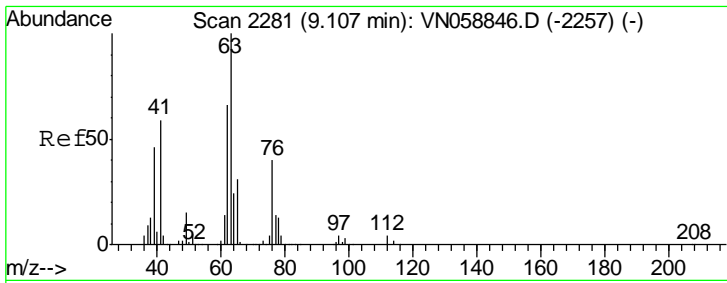
MMDadoda
 10/31/2019 3:37:15 PM



#44
 Trichloroethene
 Concen: 51.338 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
130	100		
95	105.7	0.0	209.6



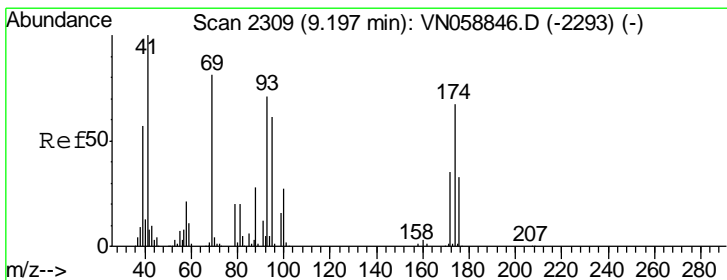
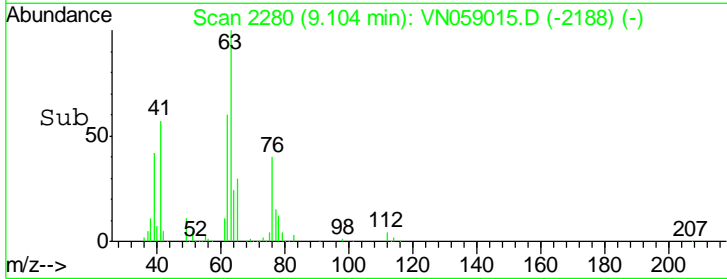
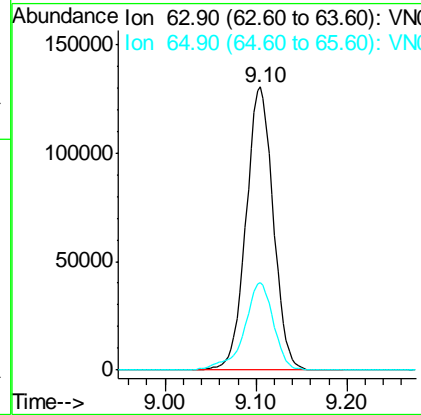
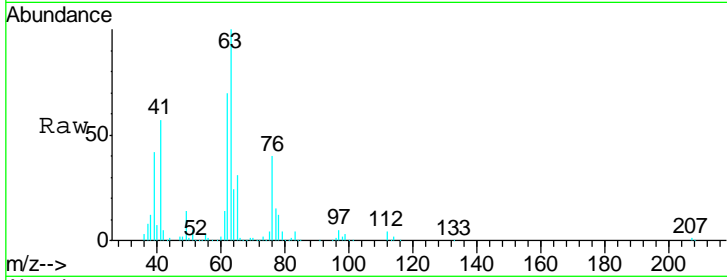


#45
 1,2-Dichloropropane
 Concen: 52.653 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

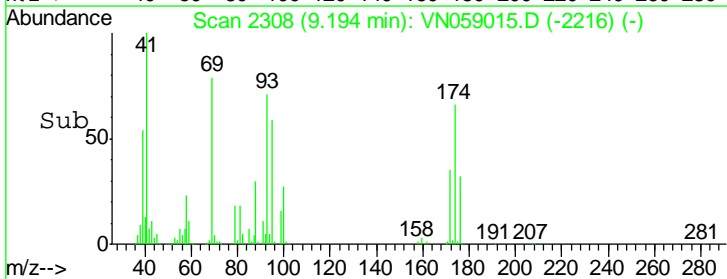
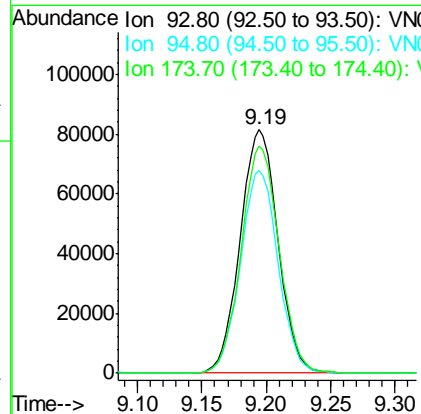
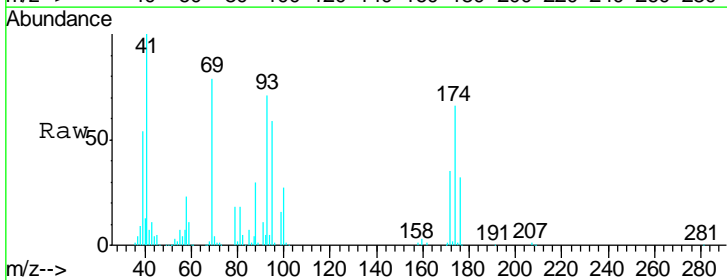
Tgt Ion: 63 Resp: 270519
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.5 36.7

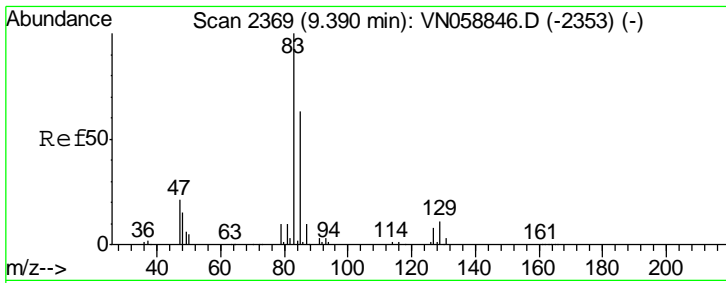
Manual Integrations
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 MMDadoda
 10/31/2019 3:37:15 PM



#46
 Dibromomethane
 Concen: 51.156 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 93 Resp: 166156
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.6 101.4
 174 93.6 74.1 111.1





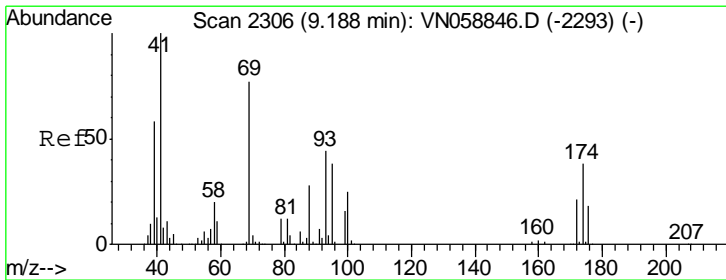
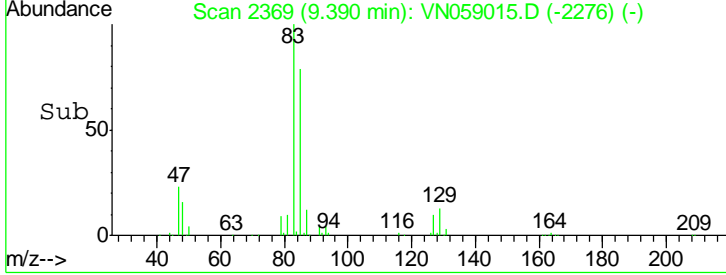
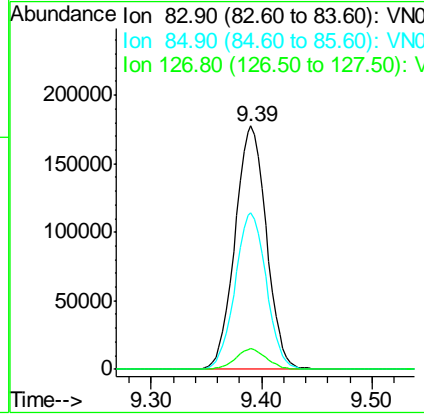
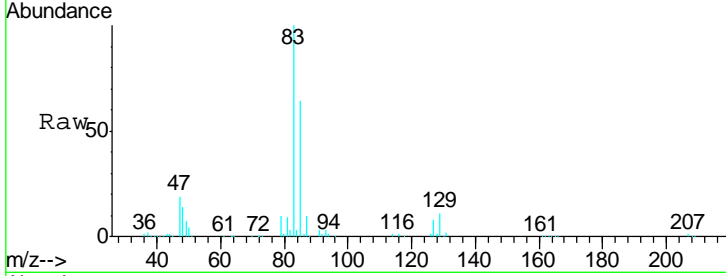
#47
 Bromodichloromethane
 Concen: 52.326 ug/l
 RT: 9.39 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	8.4	6.5	9.7

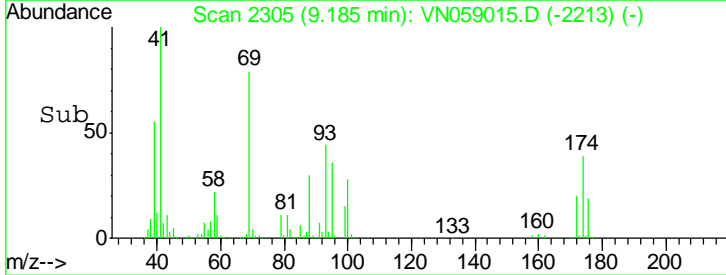
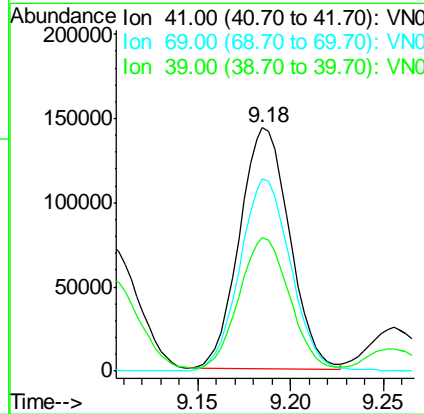
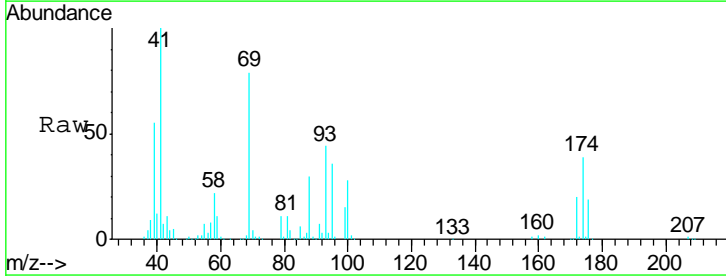
Manual Integrations
 APPROVED

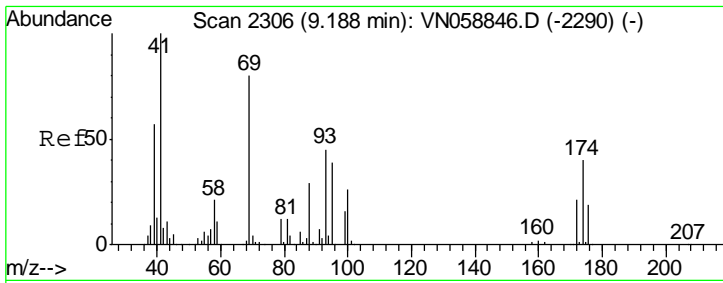
MMDadoda
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#48
 Methyl methacrylate
 Concen: 52.807 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
41	100		
69	81.9	63.8	95.6
39	56.4	47.8	71.8





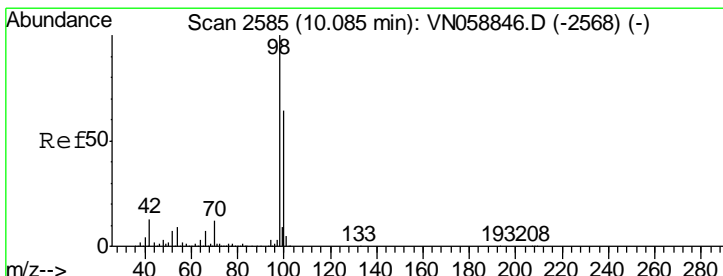
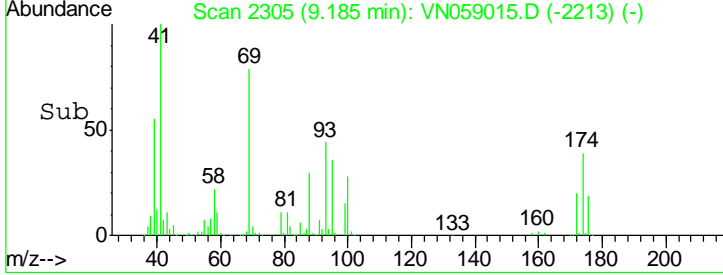
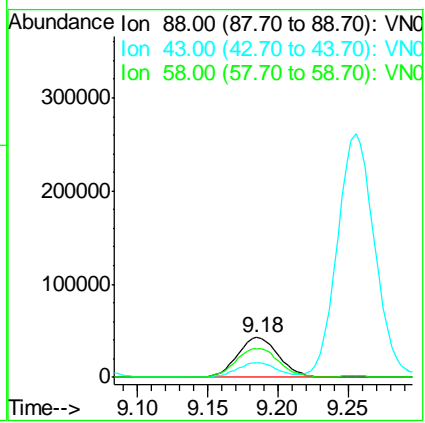
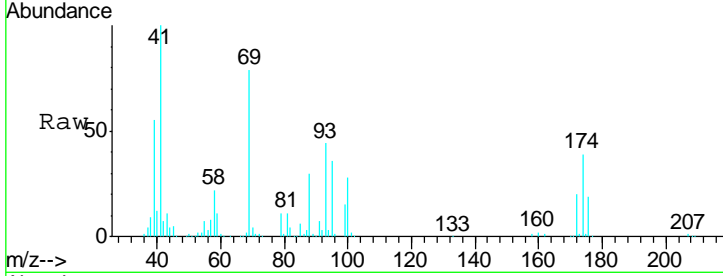
#49
 1,4-Dioxane
 Concen: 1061.263 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Tgt Ion: 88 Resp: 88132

Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.1	43.7
58	75.7	59.4	89.0

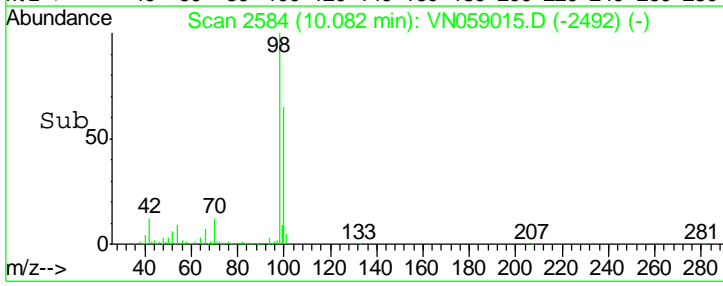
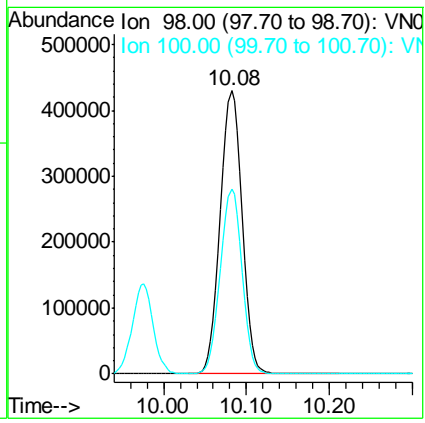
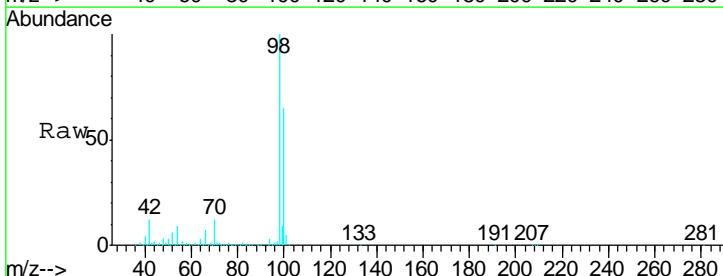
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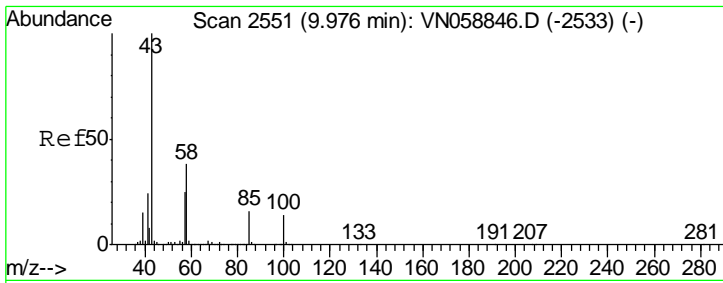


#50
 Toluene-d8
 Concen: 49.365 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 98 Resp: 785212

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2



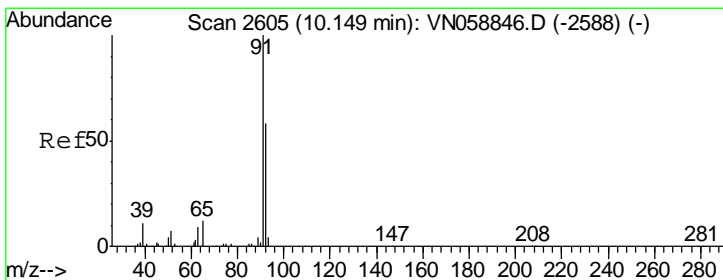
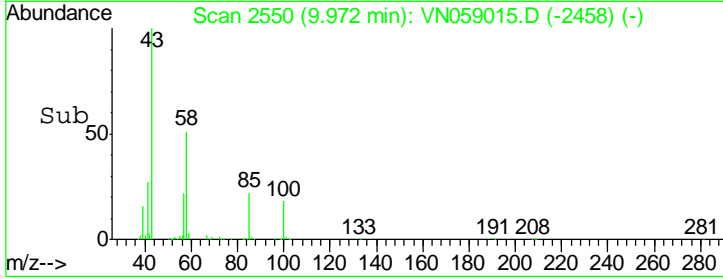
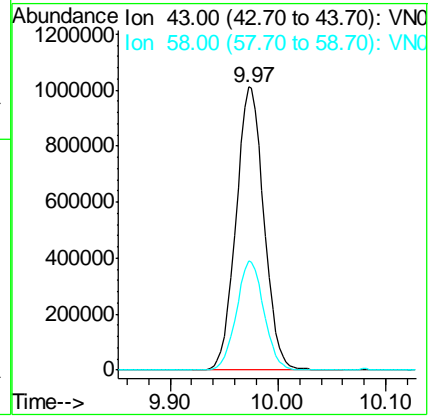
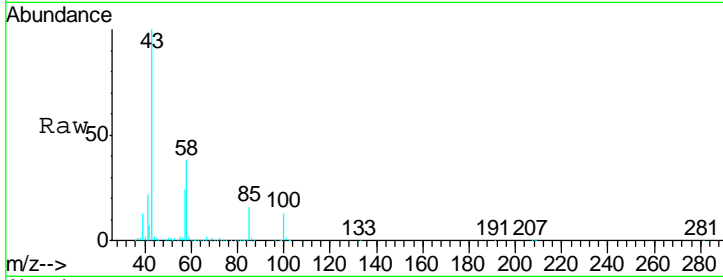


#51
 4-Methyl-2-Pentanone
 Concen: 279.860 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

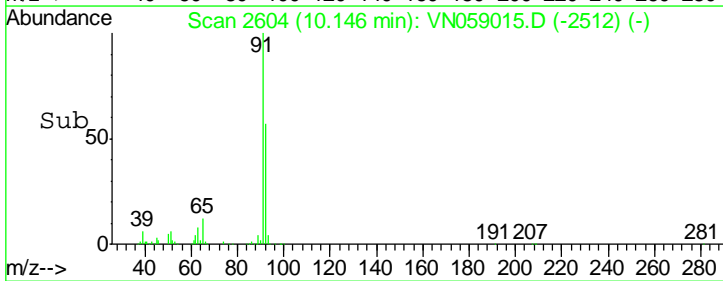
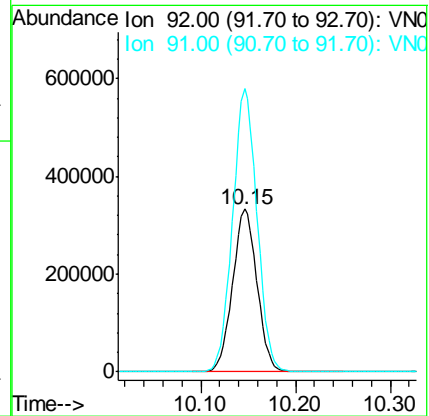
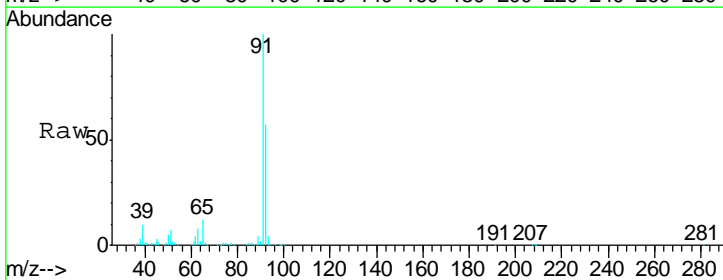
Tgt Ion: 43 Resp: 1822646
 Ion Ratio Lower Upper
 43 100
 58 38.1 29.9 44.9

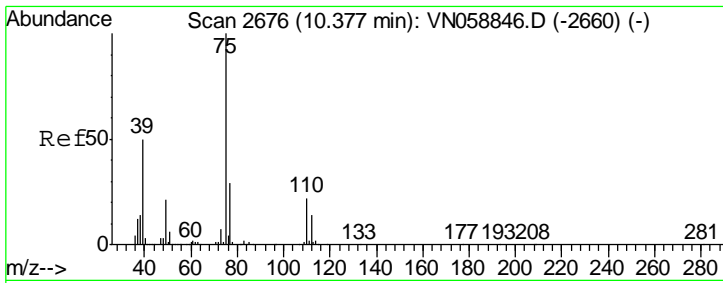
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#52
 Toluene
 Concen: 53.696 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 92 Resp: 596611
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.9 208.3





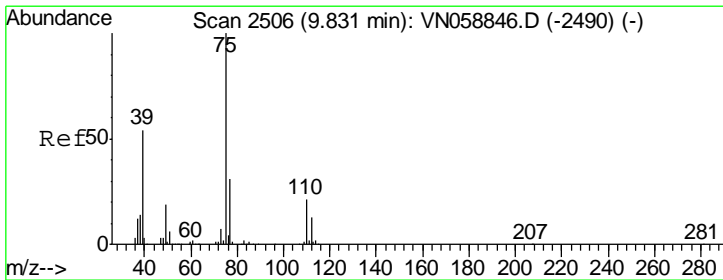
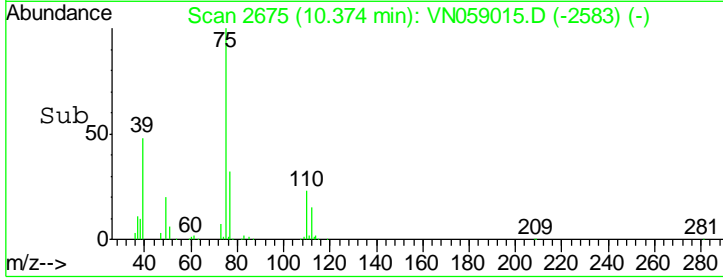
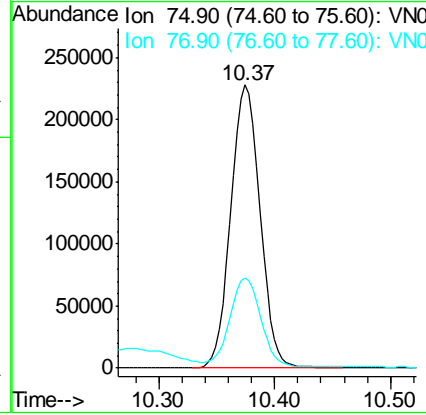
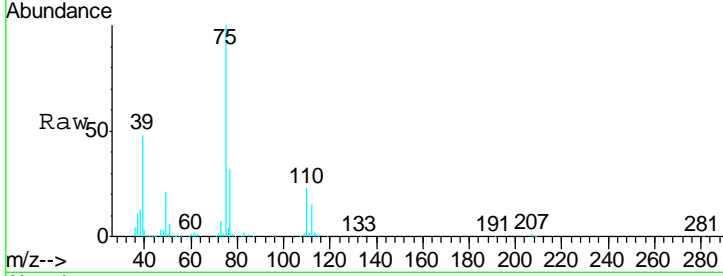
#53
 t-1,3-Dichloropropene
 Concen: 53.473 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	396273		
75	100		
77	31.4	25.7	38.5

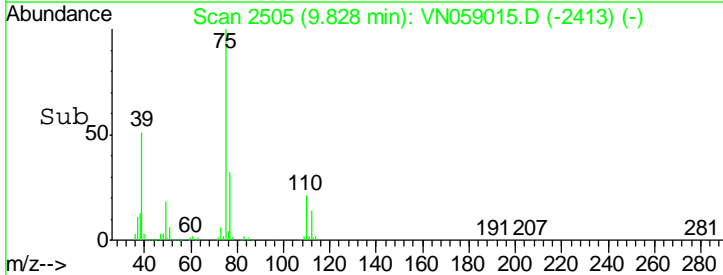
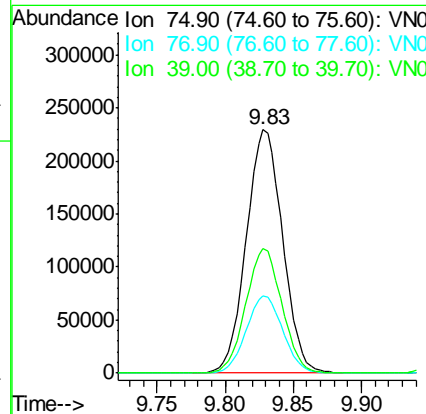
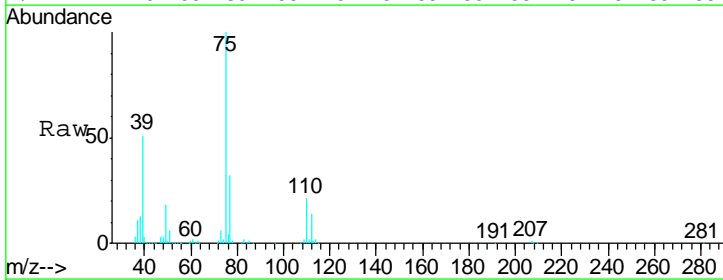
Manual Integrations
APPROVED

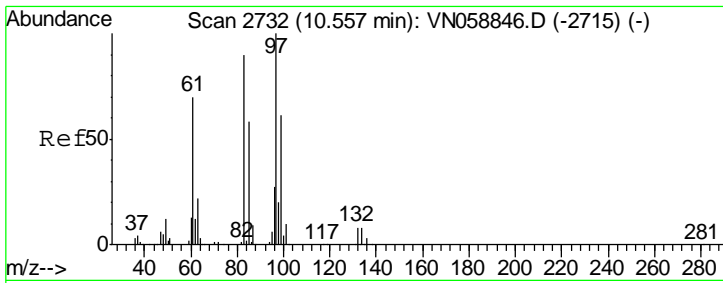
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 10/31/2019 3:37:15 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.544 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
75	423933		
75	100		
77	31.7	24.7	37.1
39	51.1	43.5	65.3





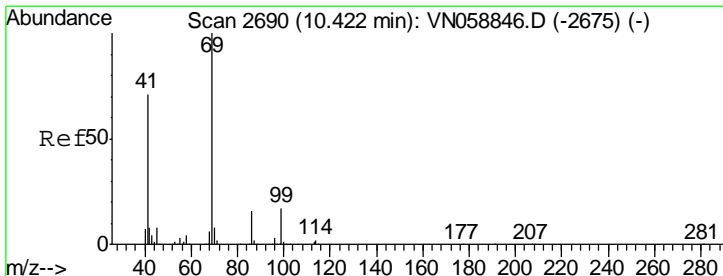
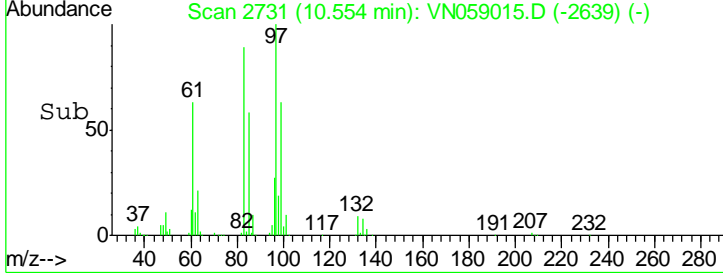
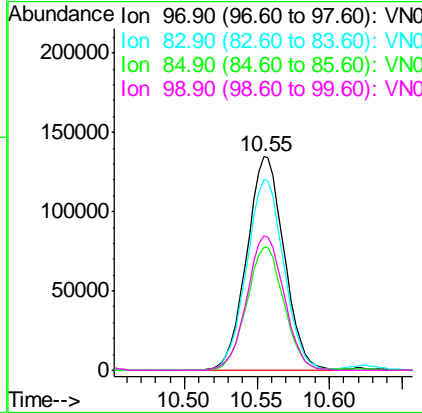
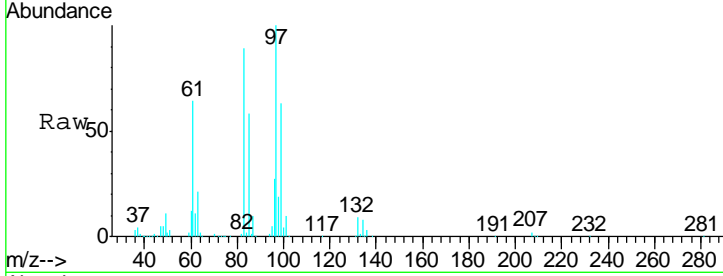
#55
 1,1,2-Trichloroethane
 Concen: 52.750 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
97	241450		
83	89.4	72.2	108.4
85	57.8	46.2	69.2
99	63.2	48.7	73.1

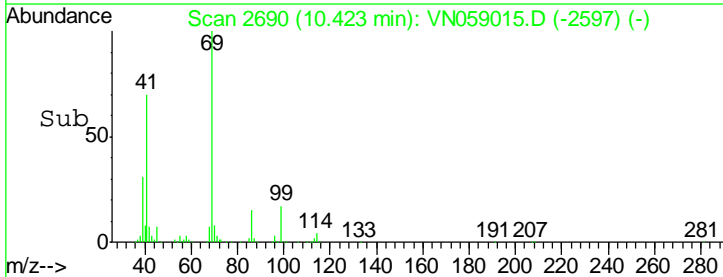
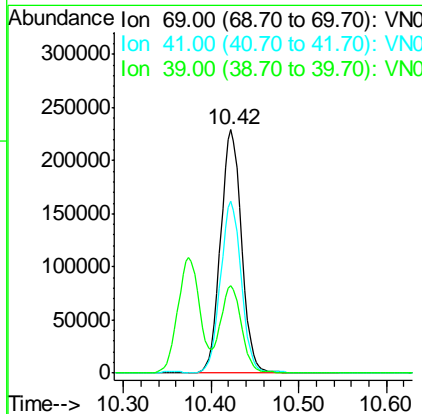
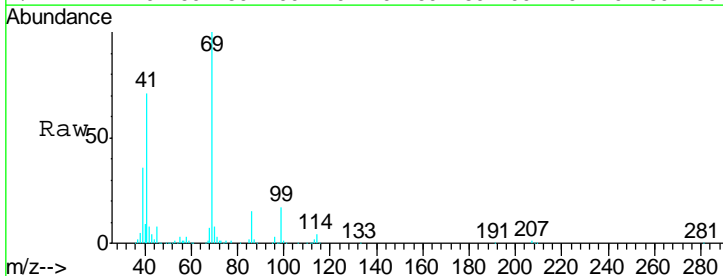
Manual Integrations
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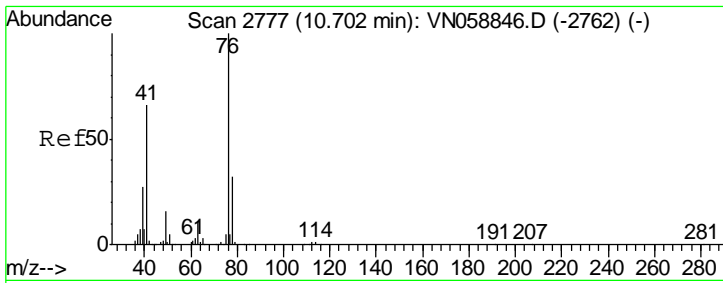
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#56
 Ethyl methacrylate
 Concen: 49.616 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
69	381354		
41	69.2	57.2	85.8
39	35.6	31.0	46.4



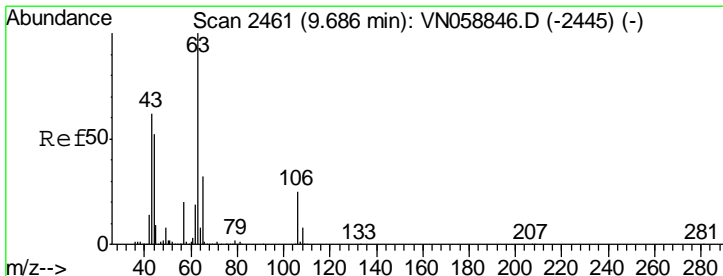
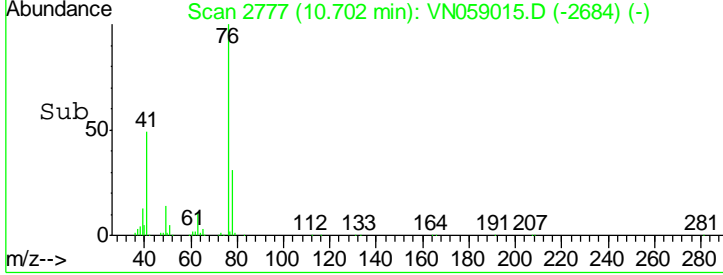
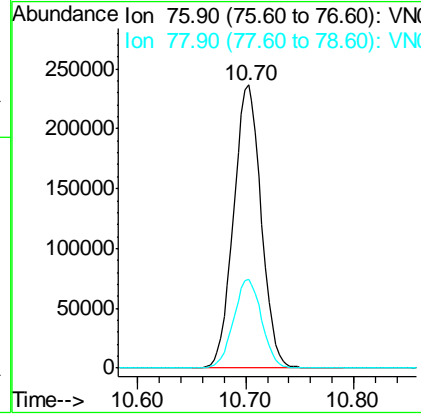
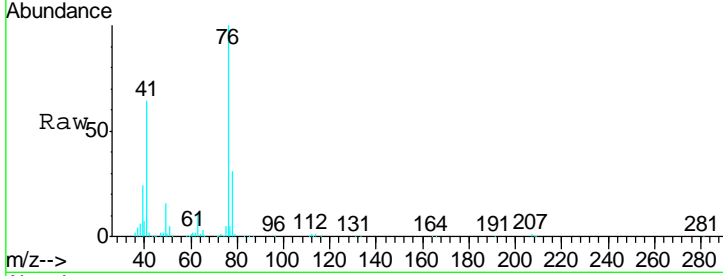


#57
 1,3-Dichloropropane
 Concen: 52.575 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

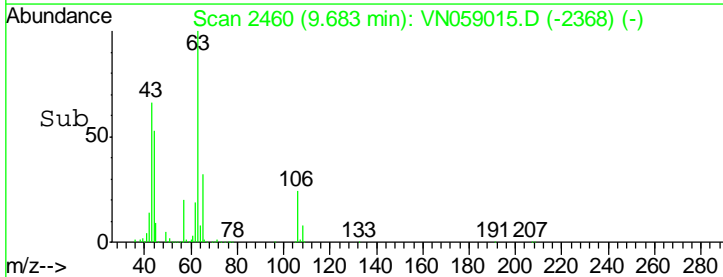
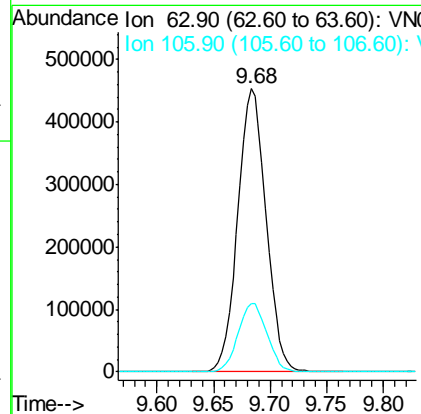
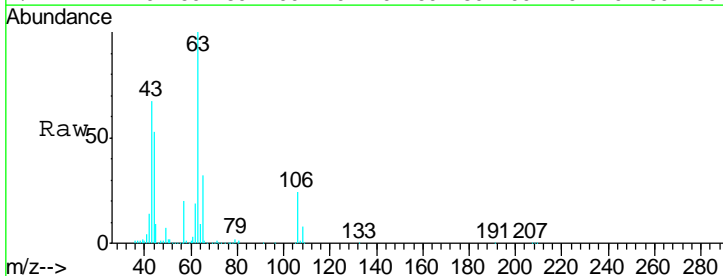
Tgt Ion	Resp	Lower	Upper
76	422359		
76	100		
78	31.9	25.4	38.0

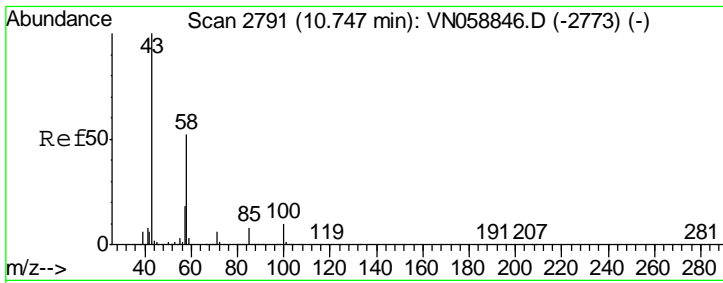
Manual Integrations
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 10/31/2019 3:37:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.855 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
63	791271		
63	100		
106	24.7	19.8	29.8



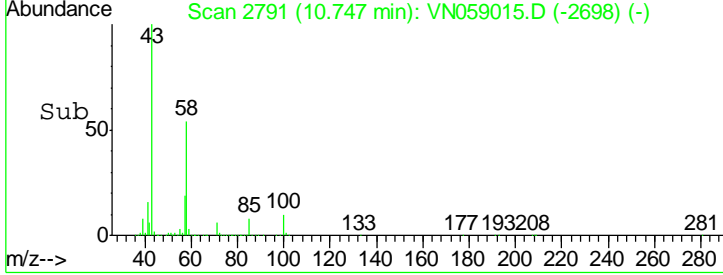
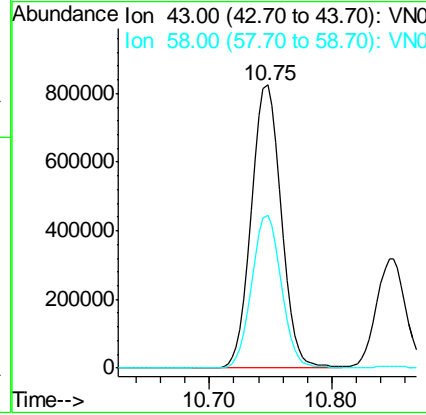
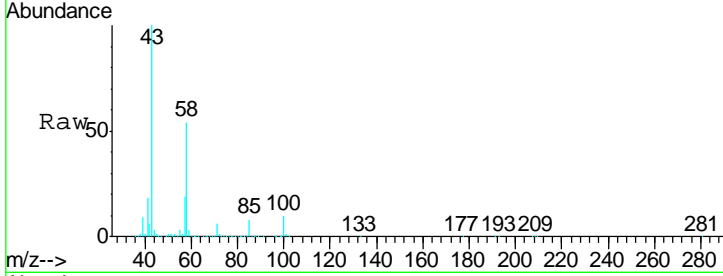


#59
 2-Hexanone
 Concen: 275.859 ug/l
 RT: 10.75 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

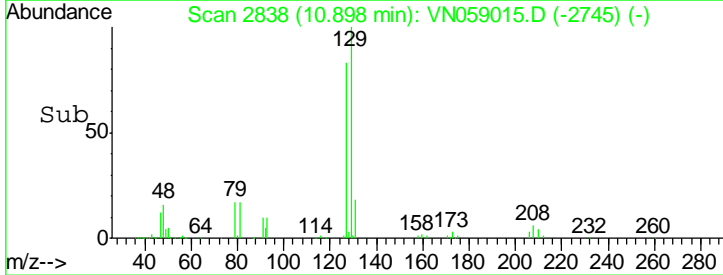
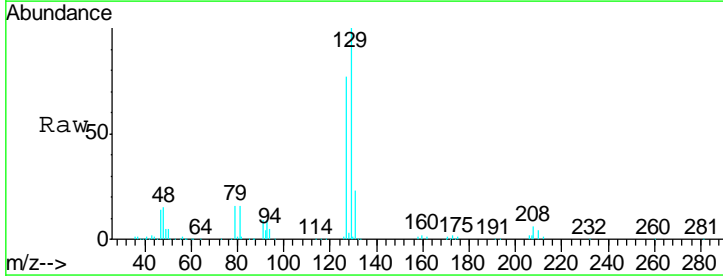
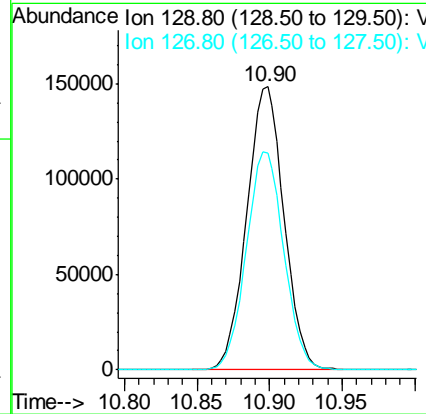
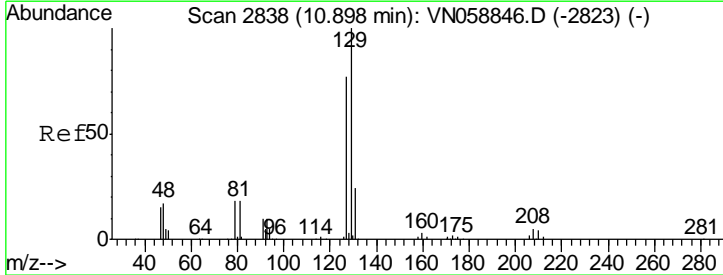
Tgt Ion: 43 Resp: 1388282
 Ion Ratio Lower Upper
 43 100
 58 53.5 25.9 77.7

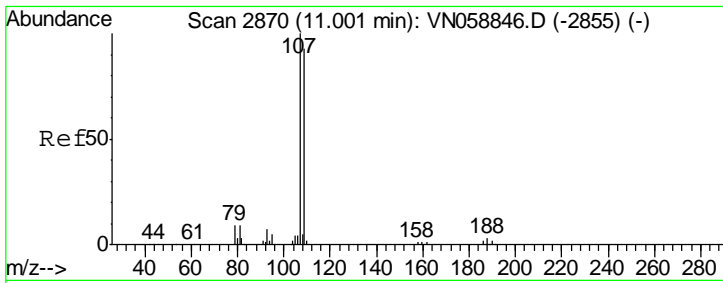
Manual Integrations
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#60
 Dibromochloromethane
 Concen: 53.853 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 129 Resp: 265320
 Ion Ratio Lower Upper
 129 100
 127 77.6 39.1 117.3





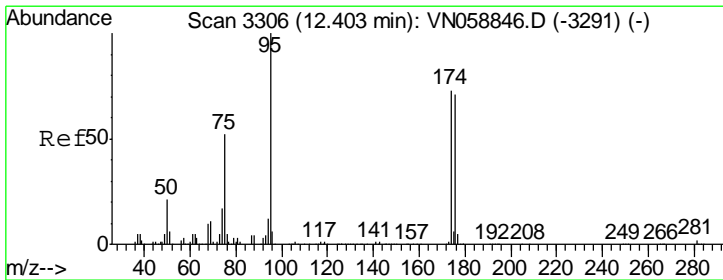
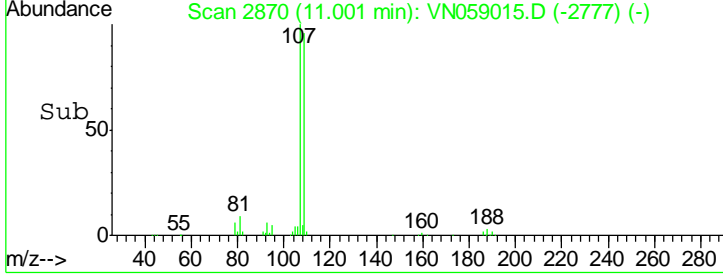
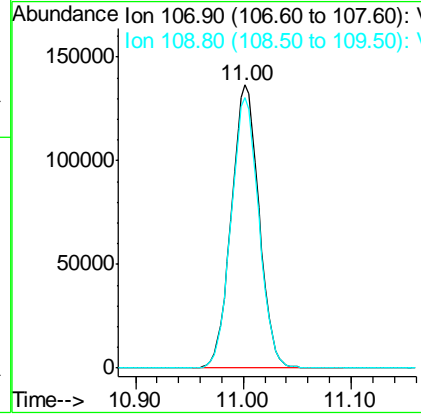
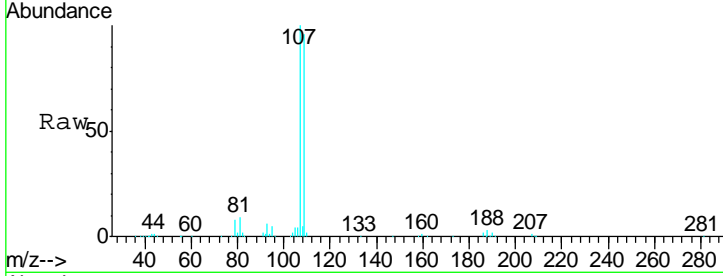
#61
 1,2-Dibromoethane
 Concen: 52.102 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDC050

Tgt Ion	Resp	Lower	Upper
107	100		
109	95.9	75.2	112.8

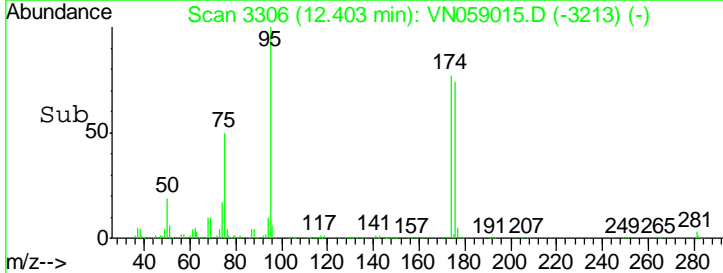
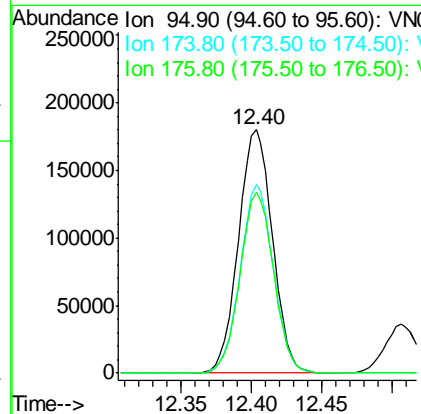
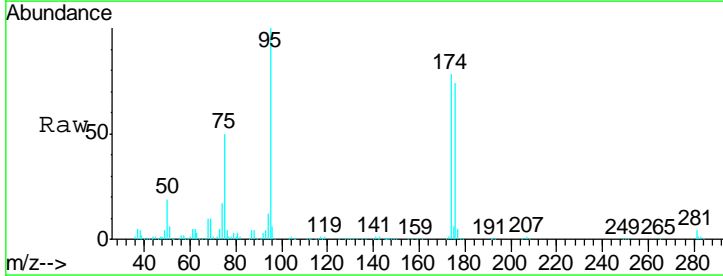
Manual Integrations
 APPROVED

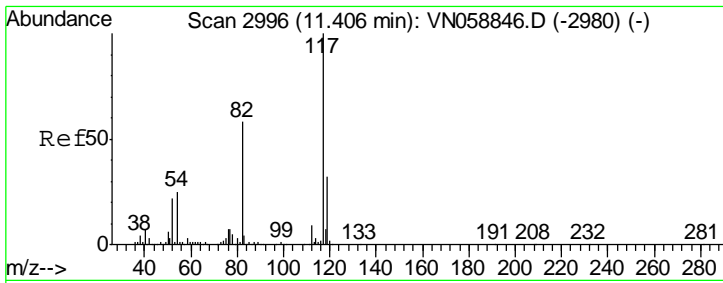
MMDadoda
 10/31/2019 3:37:15 PM



#62
 4-Bromofluorobenzene
 Concen: 52.129 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
95	100		
174	76.0	0.0	147.6
176	73.4	0.0	143.2



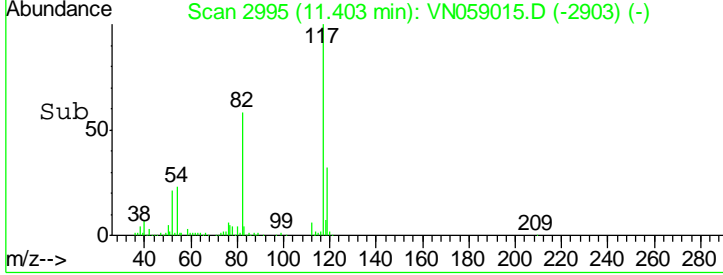
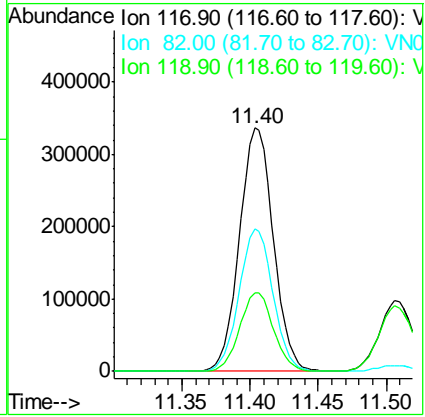
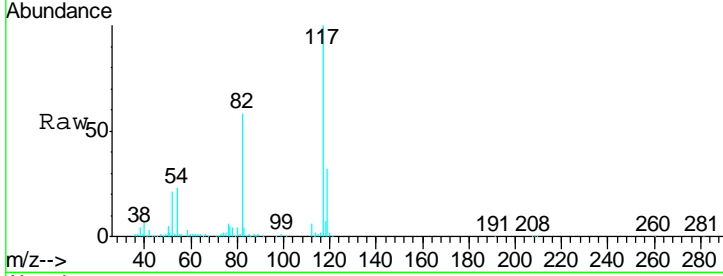


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

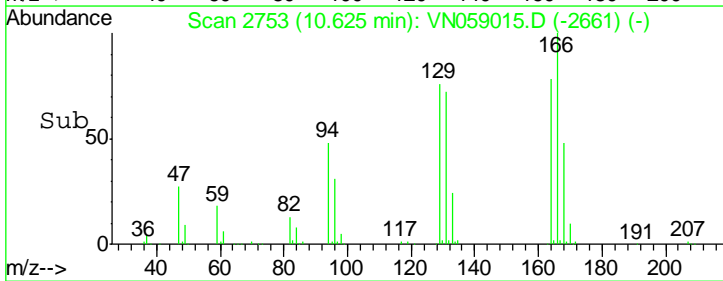
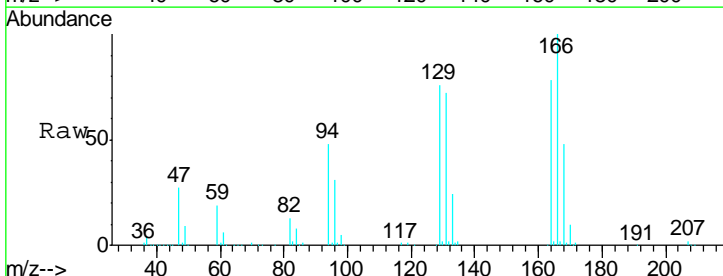
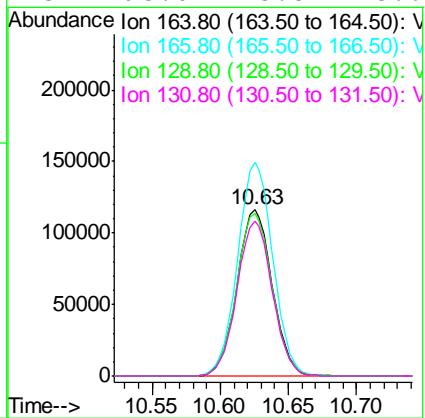
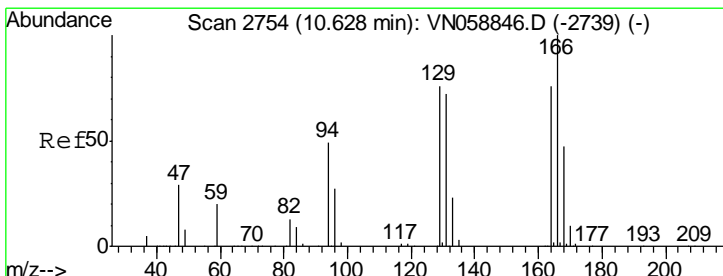
Tgt Ion	Resp	Lower	Upper
117	100		
82	58.4	46.6	69.8
119	32.3	25.6	38.4

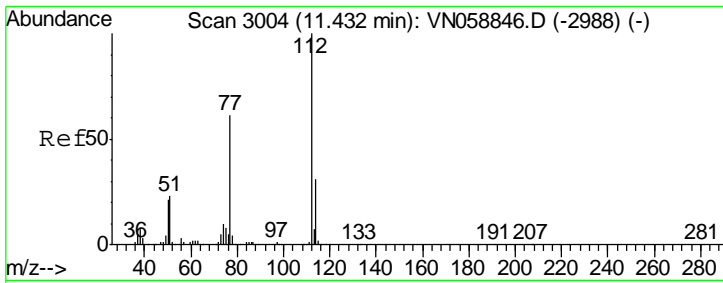
Manual Integrations
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#64
 Tetrachloroethene
 Concen: 51.231 ug/l
 RT: 10.63 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
164	100		
166	128.6	104.8	157.2
129	97.7	79.3	118.9
131	93.0	75.8	113.6





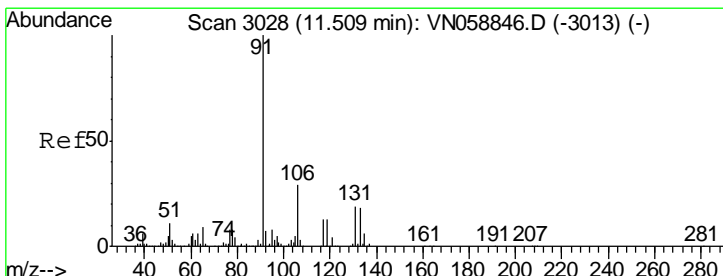
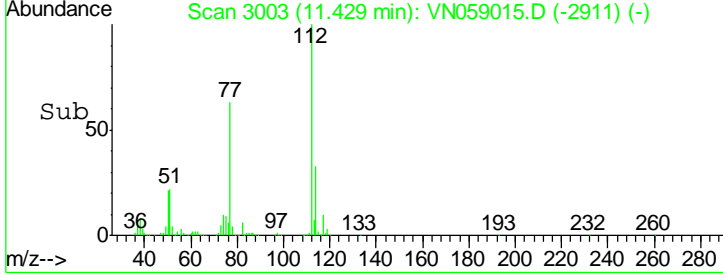
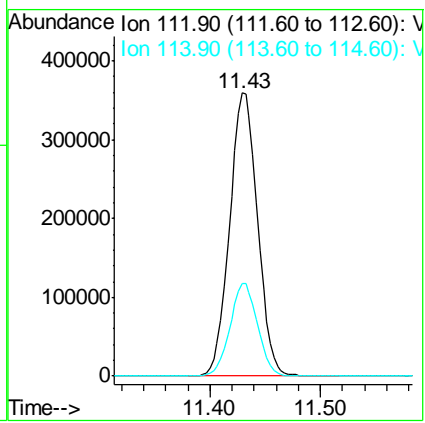
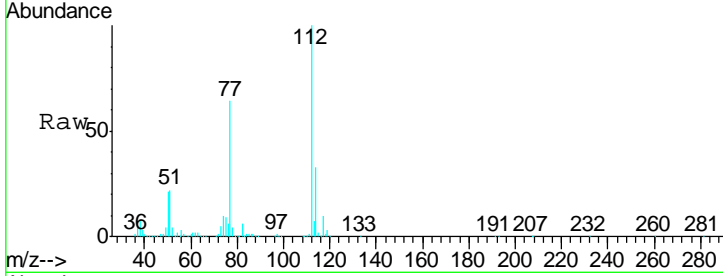
#65
 Chlorobenzene
 Concen: 53.280 ug/l
 RT: 11.43 min Scan# 3003
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion: 112 Resp: 630446

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7

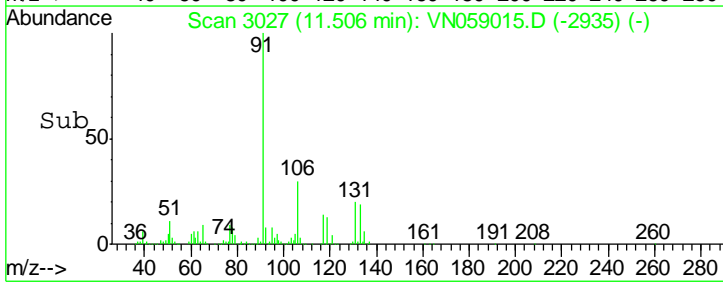
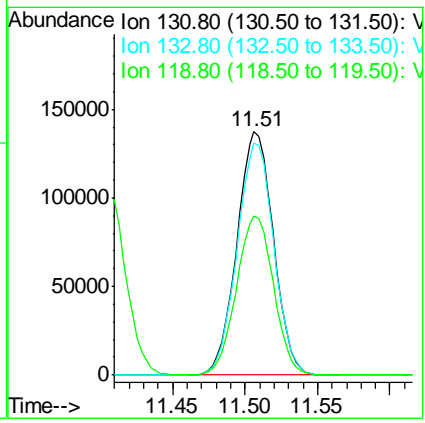
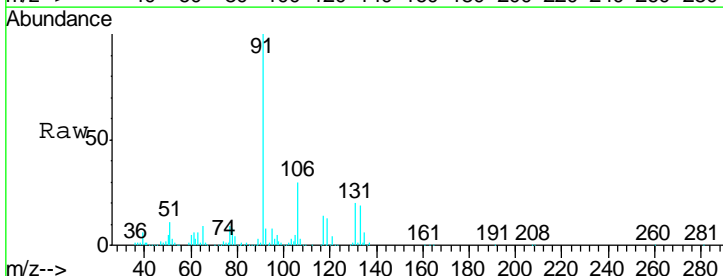
Manual Integrations
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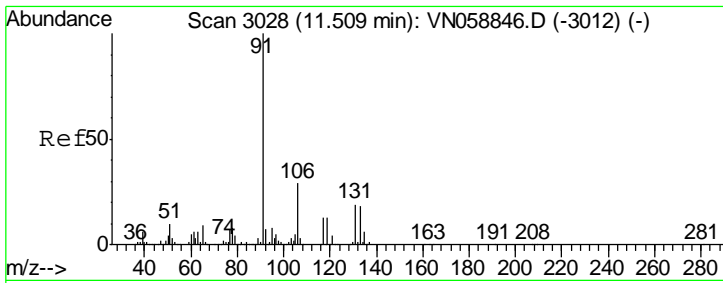


#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.851 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 131 Resp: 240454

Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.4	145.2
119	66.4	33.6	100.8





#67
 Ethyl Benzene
 Concen: 56.016 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

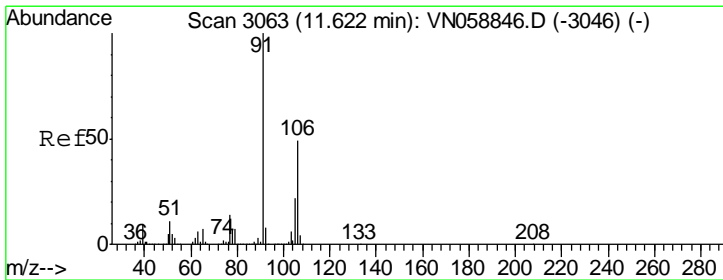
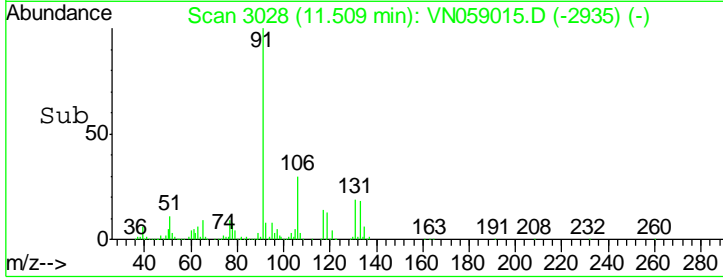
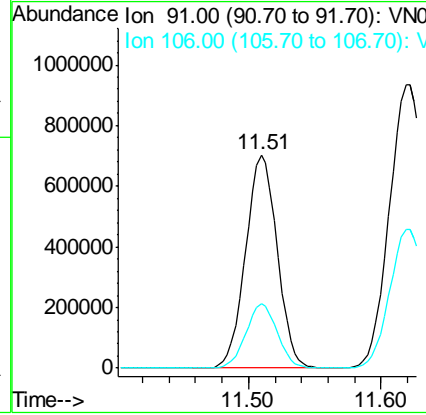
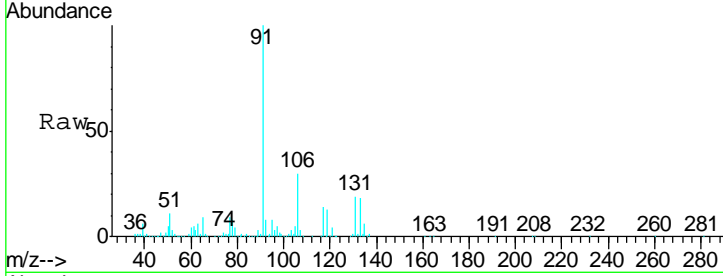
Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion: 91 Resp: 1162753

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.4	35.0

Manual Integrations
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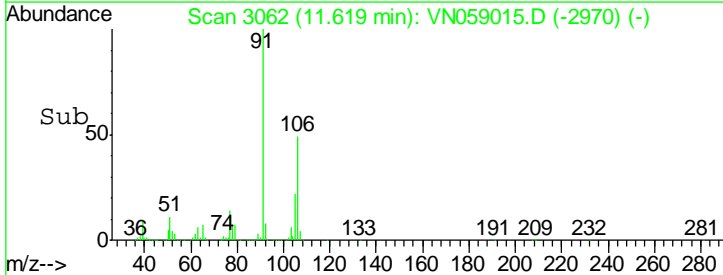
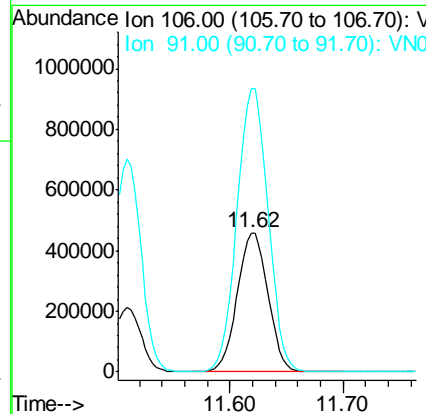
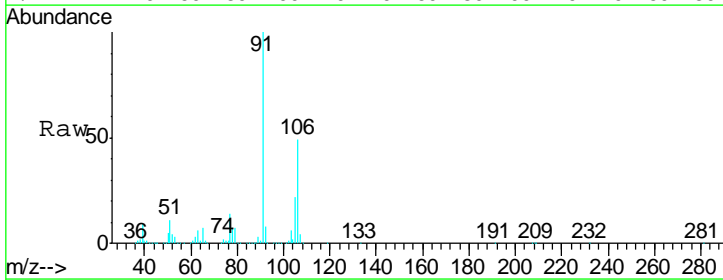
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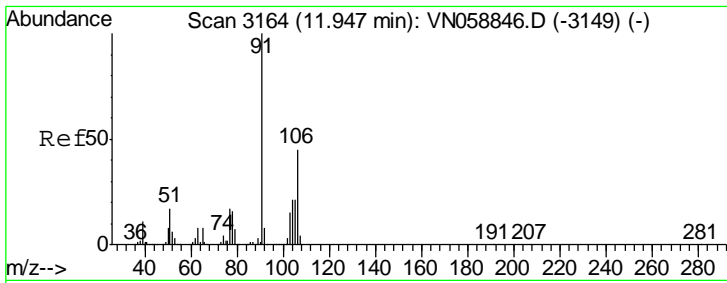


#68
 m/p-Xylenes
 Concen: 112.502 ug/l
 RT: 11.62 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 106 Resp: 866020

Ion	Ratio	Lower	Upper
106	100		
91	206.6	166.6	249.8



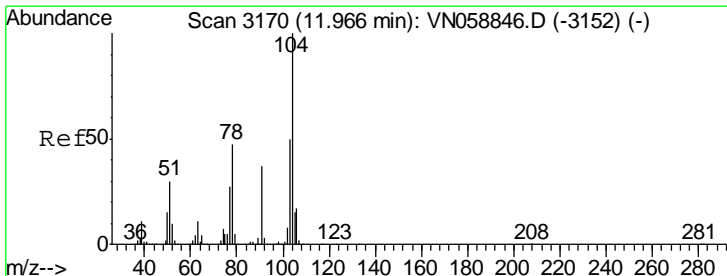
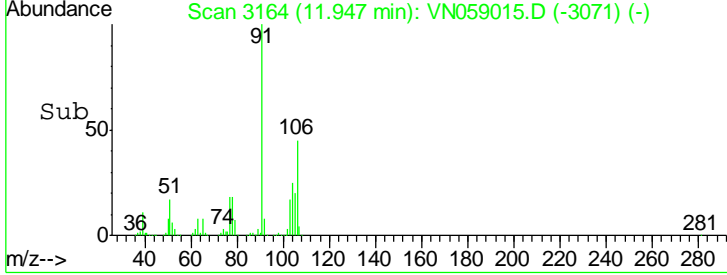
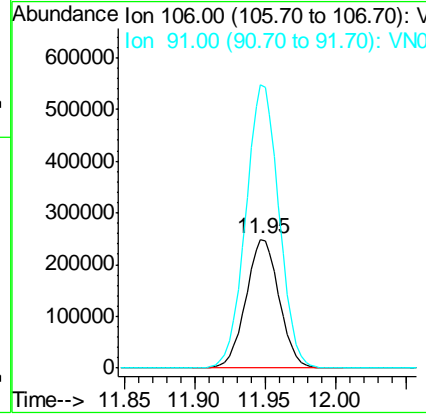
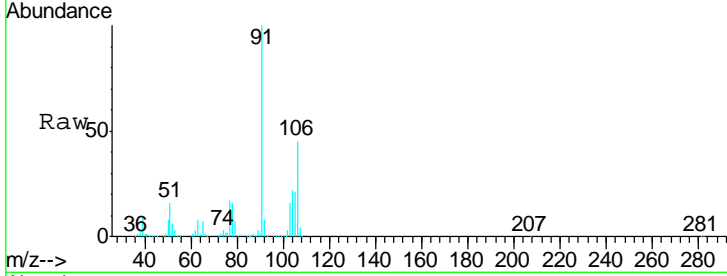


#69
 o-Xylene
 Concen: 55.983 ug/l
 RT: 11.95 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050

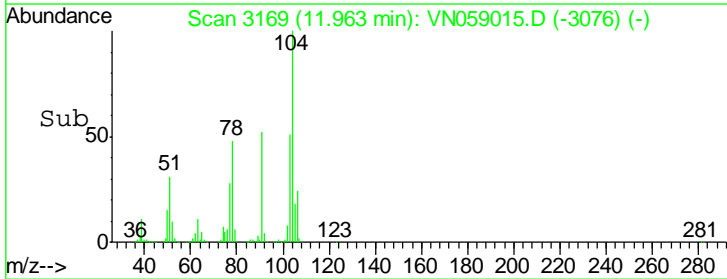
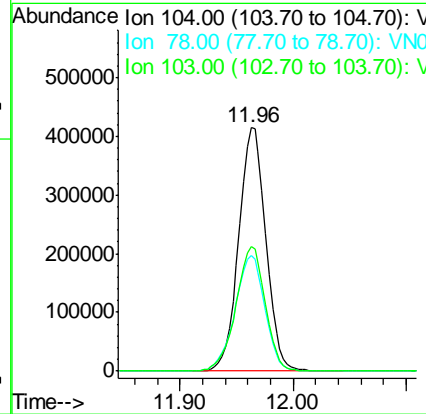
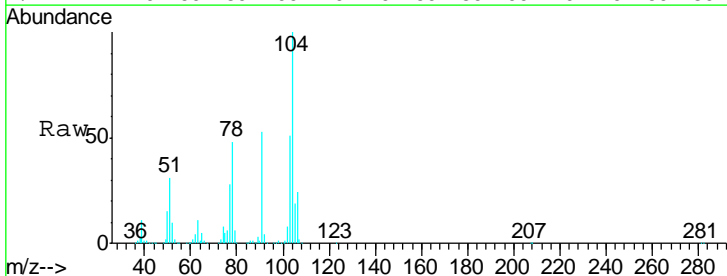
Tgt Ion	Resp	Lower	Upper
106	411012		
91	220.3	111.5	334.4

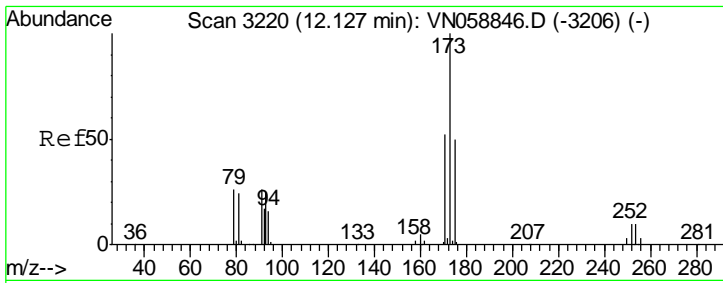
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#70
 Styrene
 Concen: 51.093 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
104	692918		
78	52.4	42.8	64.2
103	55.3	44.3	66.5



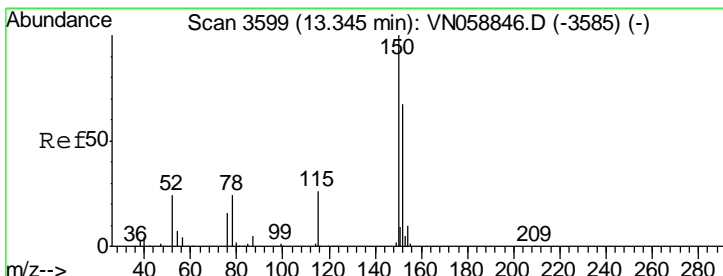
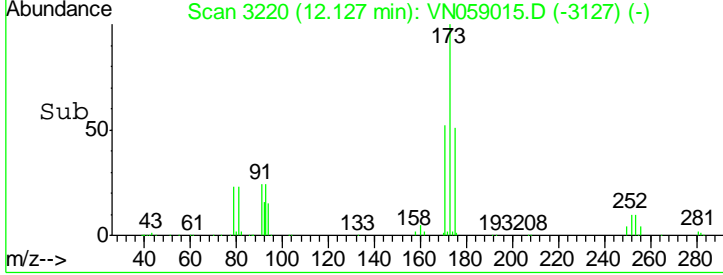
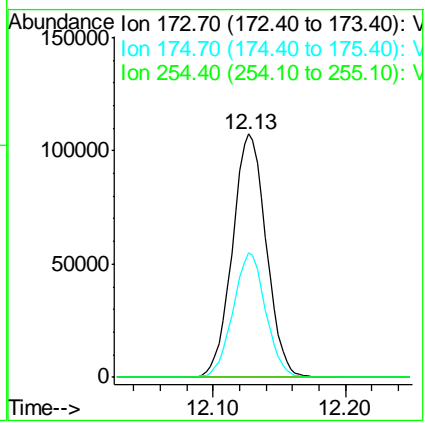
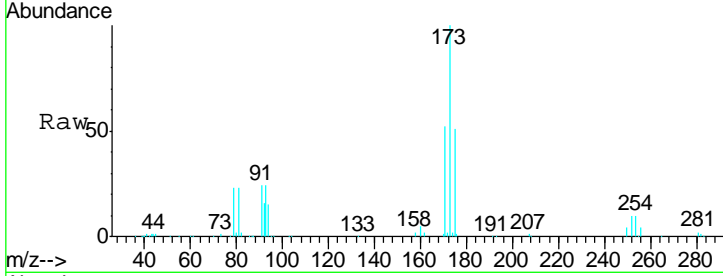


#71
 Bromoform
 Concen: 54.916 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

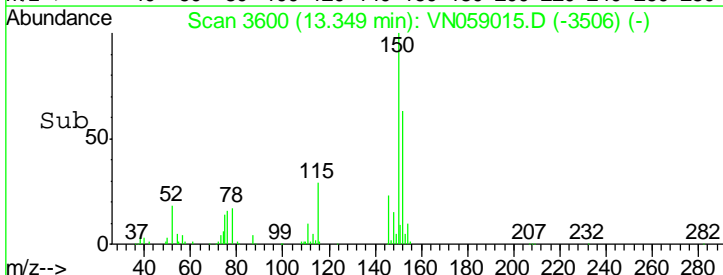
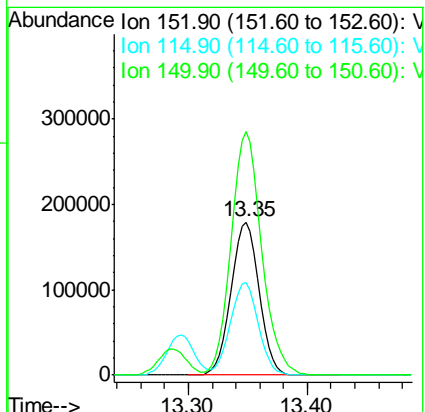
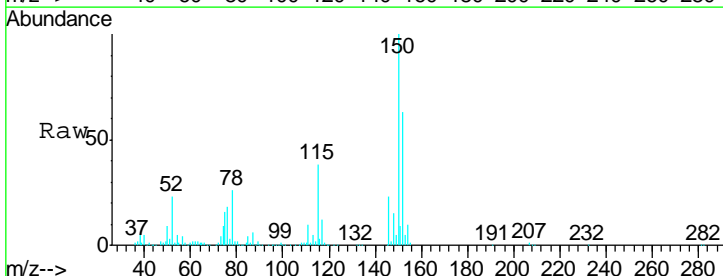
Tgt Ion	Resp	Lower	Upper
173	190148		
175	49.3	24.7	74.1
254	0.1	0.0	0.0#

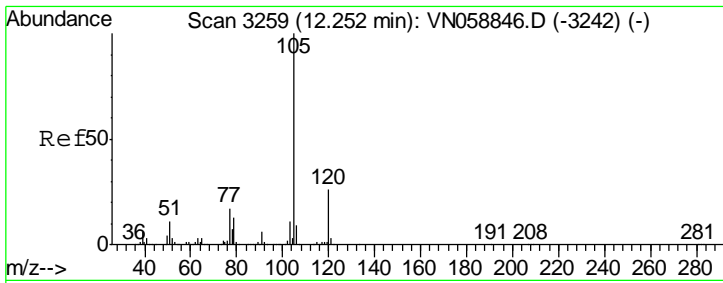
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
152	293205		
152	100		
115	60.5	30.5	91.5
150	172.5	0.0	344.4





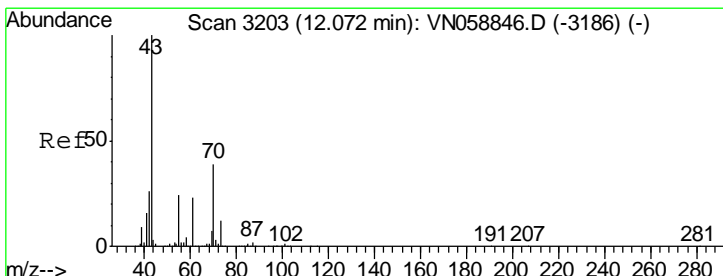
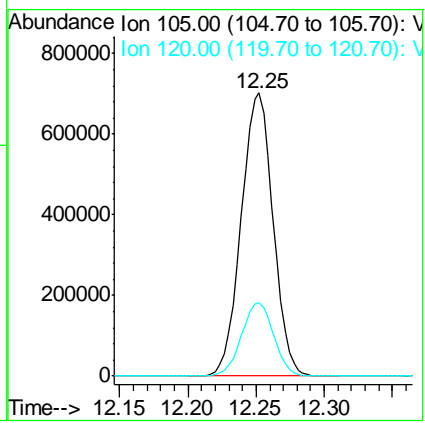
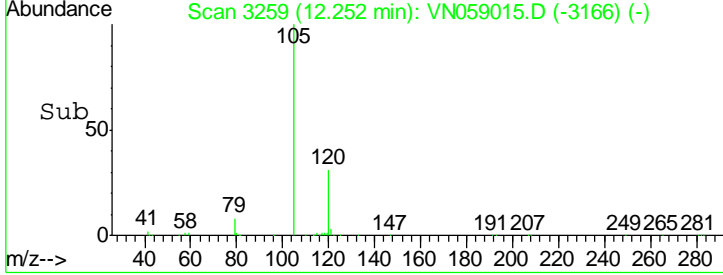
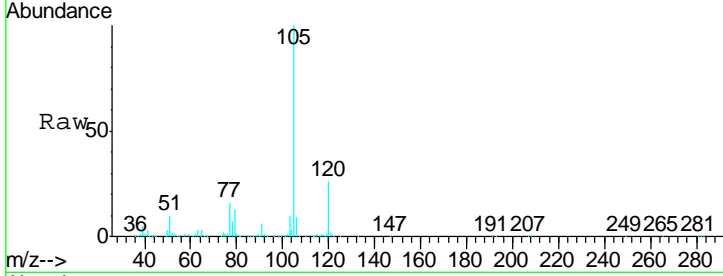
#73
 Isopropylbenzene
 Concen: 53.102 ug/l
 RT: 12.25 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion: 105 Resp: 1137860

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

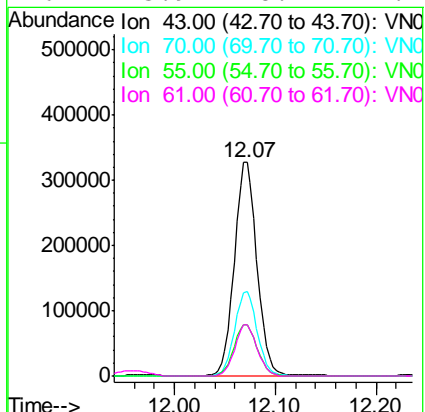
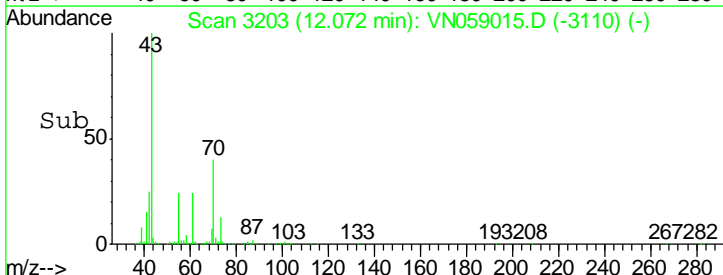
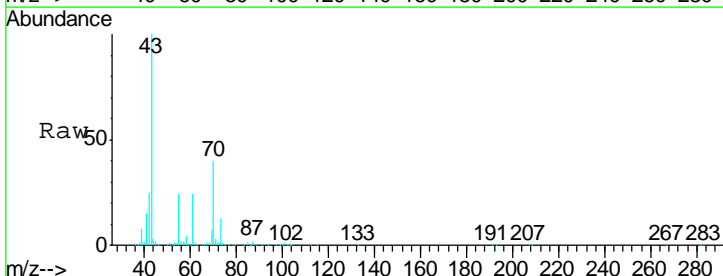
Manual Integrations
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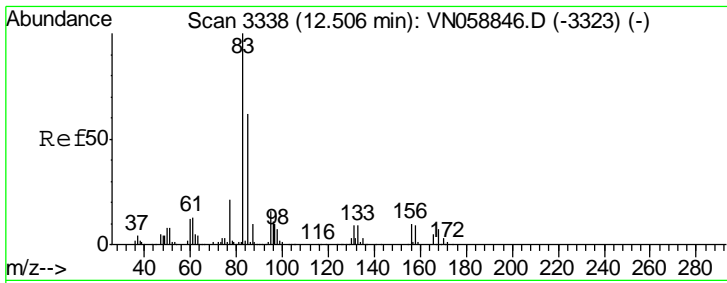


#74
 N-nyl acetate
 Concen: 52.344 ug/l
 RT: 12.07 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 43 Resp: 508489

Ion	Ratio	Lower	Upper
43	100		
70	40.0	30.9	46.3
55	25.0	19.7	29.5
61	23.9	18.2	27.4



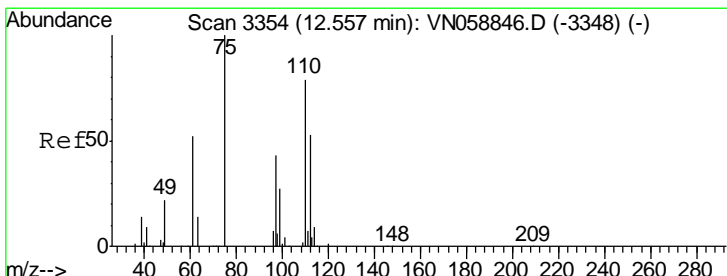
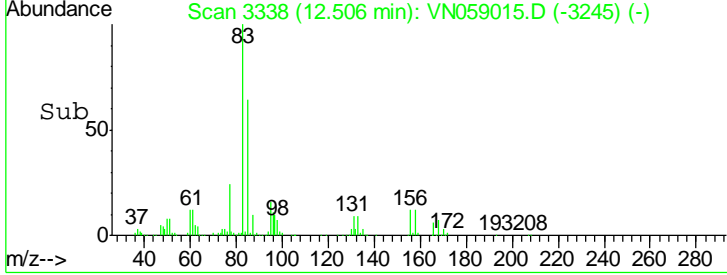
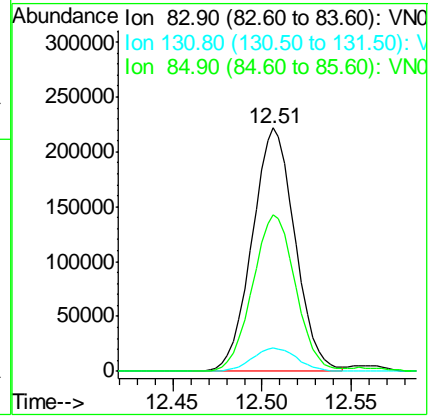
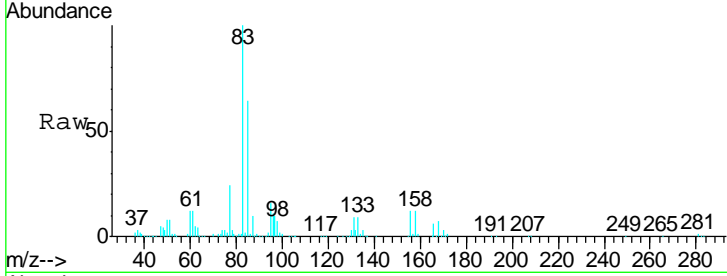


#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.406 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

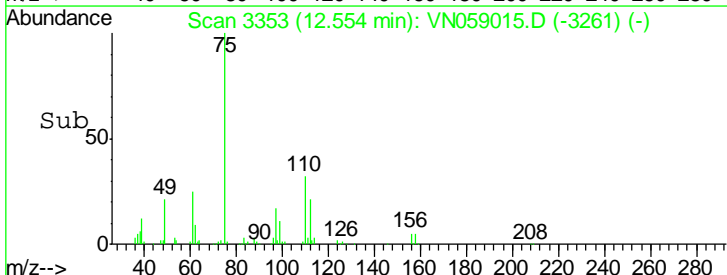
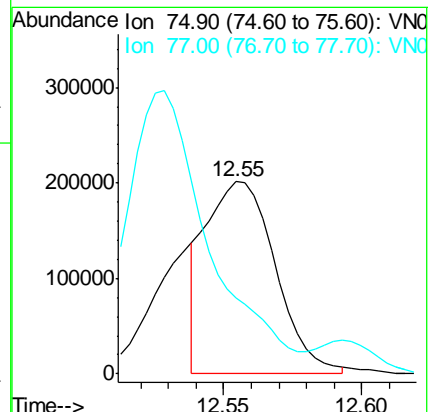
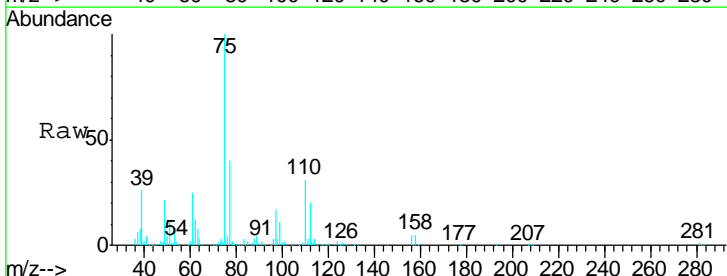
Tgt Ion	Resp	Lower	Upper
83	372250		
131	10.1	4.7	14.1
85	64.5	31.7	95.1

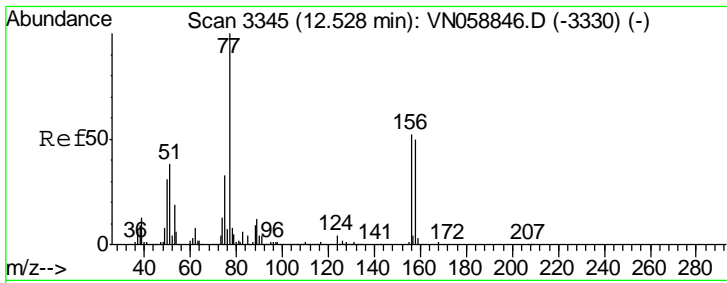
Manual Integrations
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#76
 1,2,3-Trichloropropane
 Concen: 51.899 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
75	352673		
77	0.0	0.0	0.0





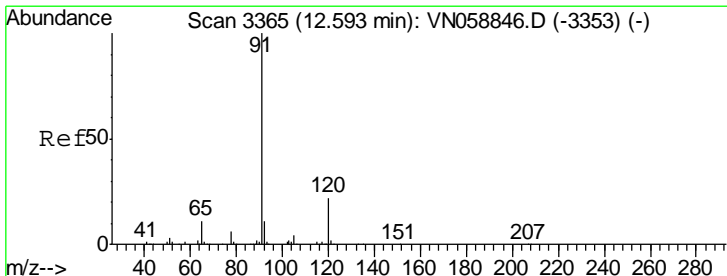
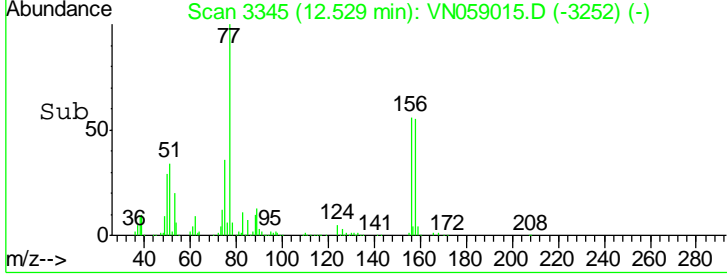
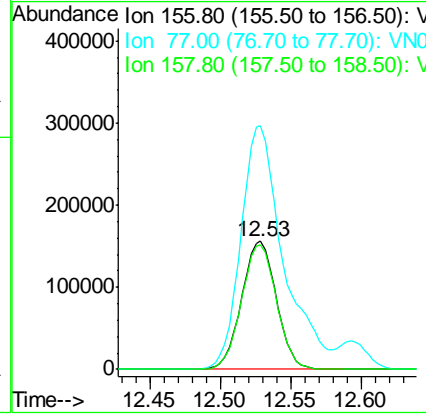
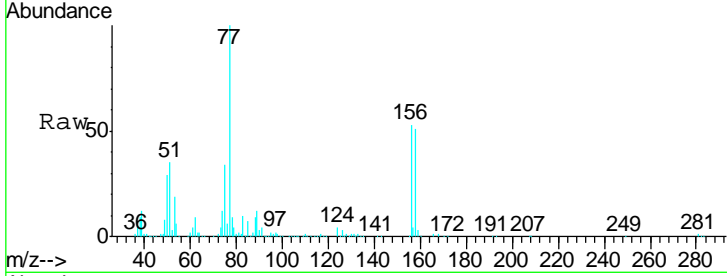
#77
 Bromobenzene
 Concen: 51.050 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	269622		
77	232.8	118.0	354.0
158	97.8	48.3	144.8

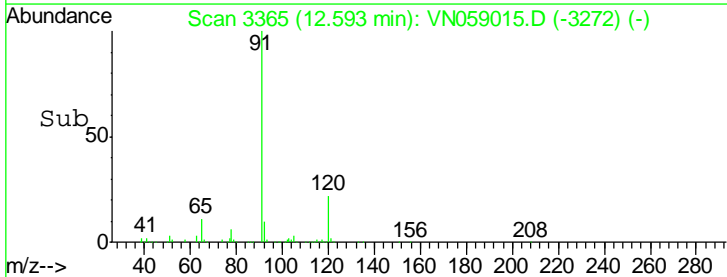
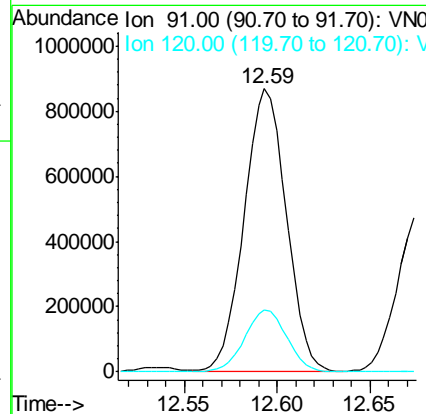
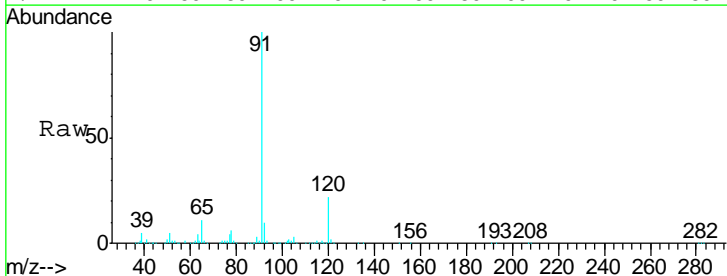
Manual Integrations
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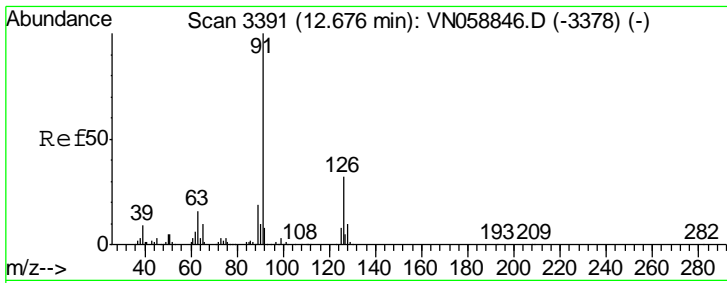
MMDadoda
 10/31/2019 3:37:15 PM



#78
 n-propylbenzene
 Concen: 53.861 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
91	1364212		
120	22.1	11.1	33.1



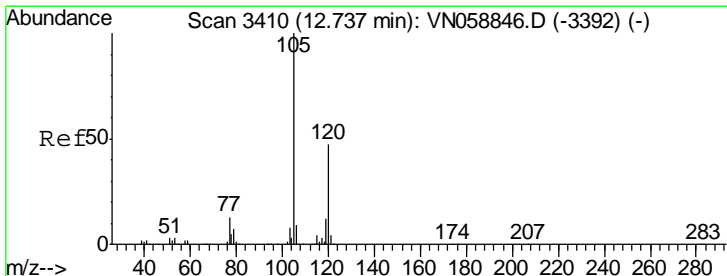
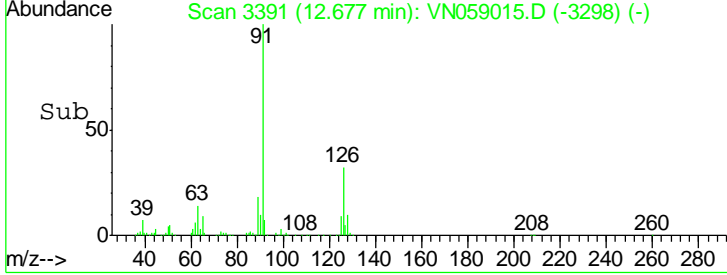
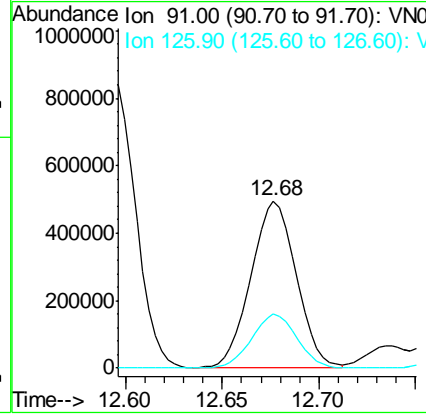
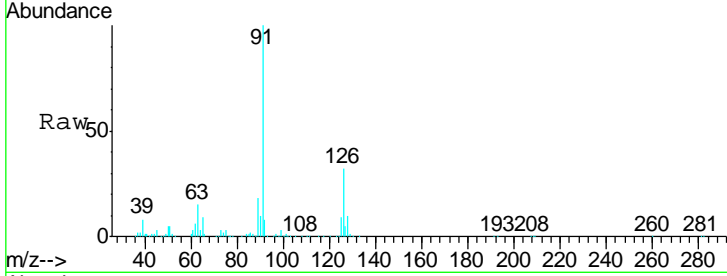


#79
 2-Chlorotoluene
 Concen: 51.850 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 Client Sampled : VSTDC050

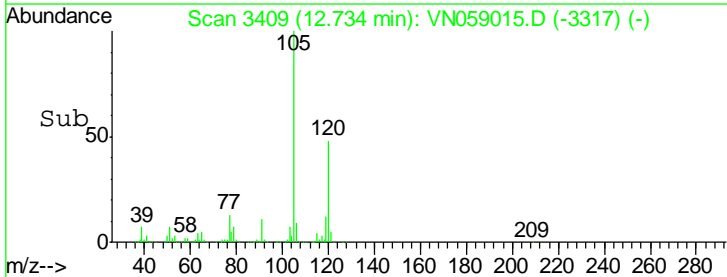
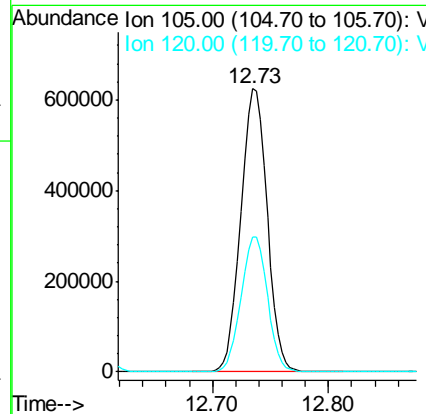
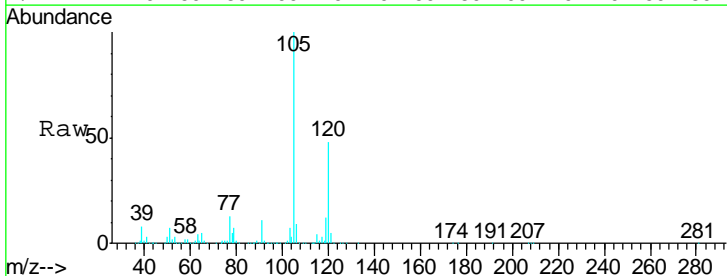
Tgt Ion: 91 Resp: 803776
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6

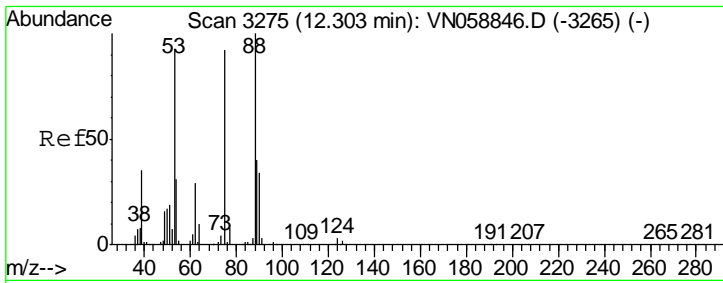
Manual Integrations APPROVED
 MMDadoda
 10/31/2019 3:37:15 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.519 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion: 105 Resp: 981523
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.5





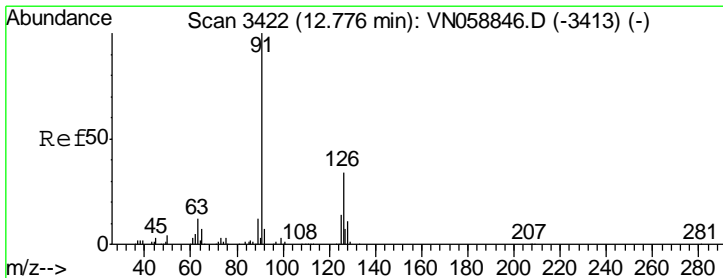
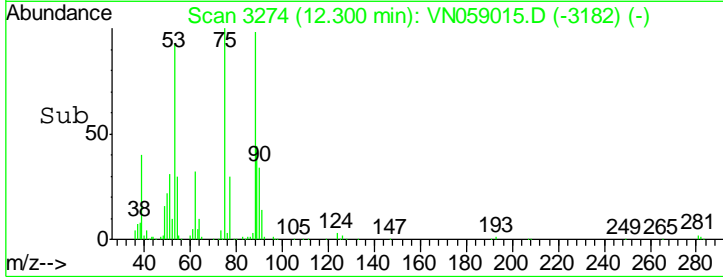
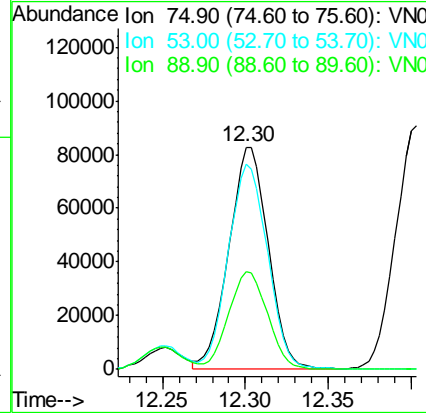
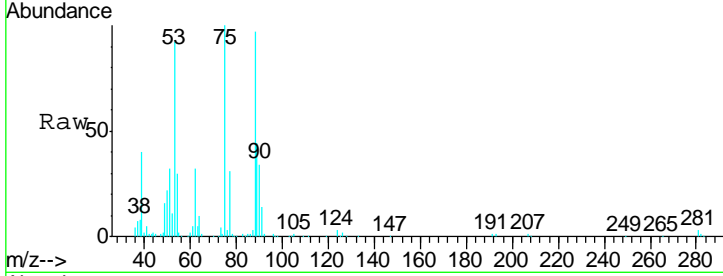
#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.401 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	136688		
75	100		
53	92.8	78.6	118.0
89	43.4	35.4	53.0

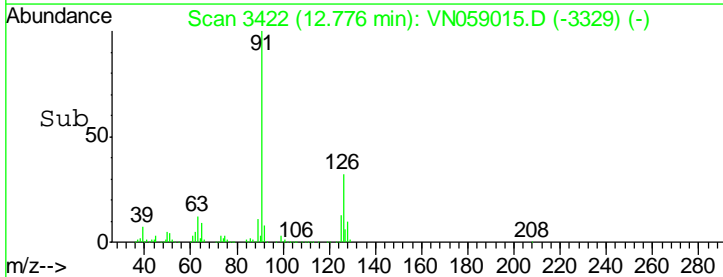
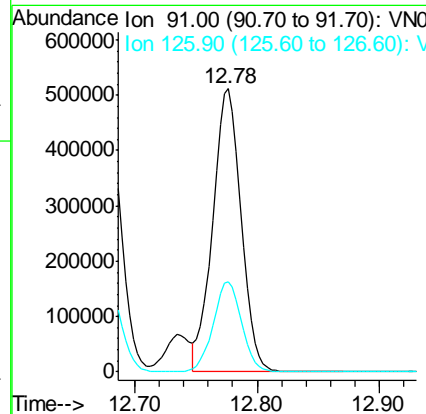
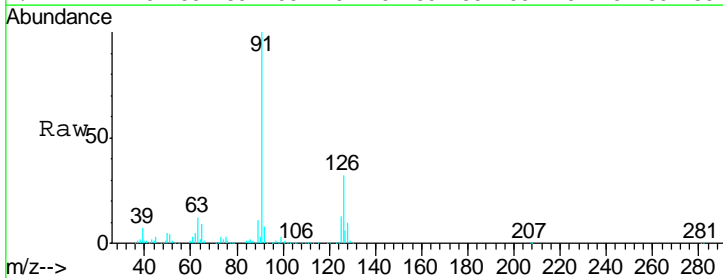
Manual Integrations
 APPROVED

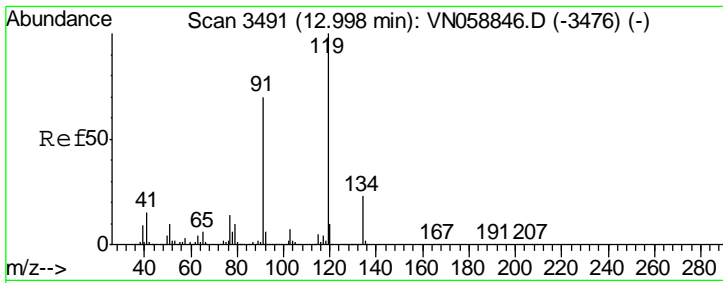
MMDadoda
 10/31/2019 3:37:15 PM



#82
 4-Chlorotoluene
 Concen: 52.476 ug/l
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
91	831327		
91	100		
126	31.7	16.0	47.9





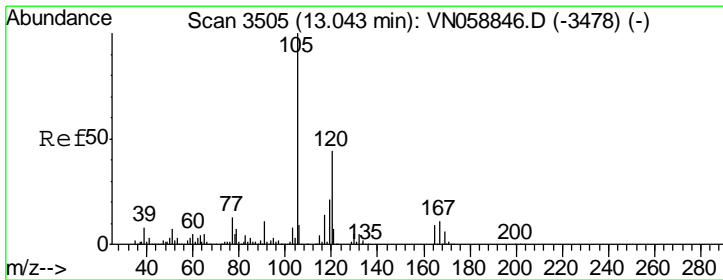
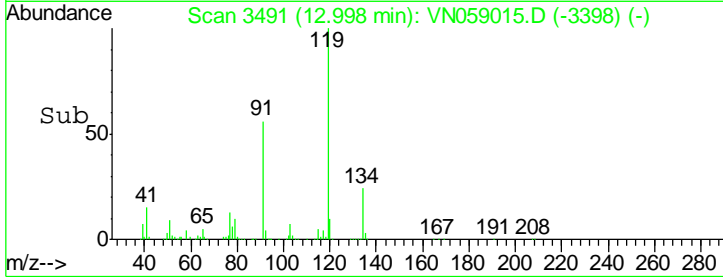
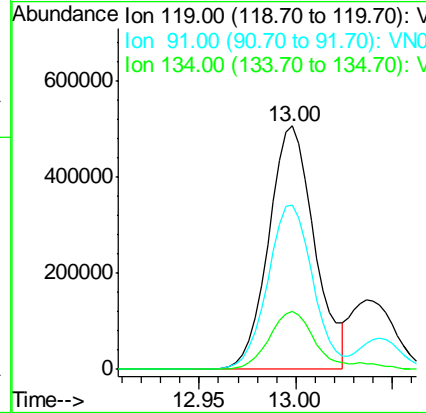
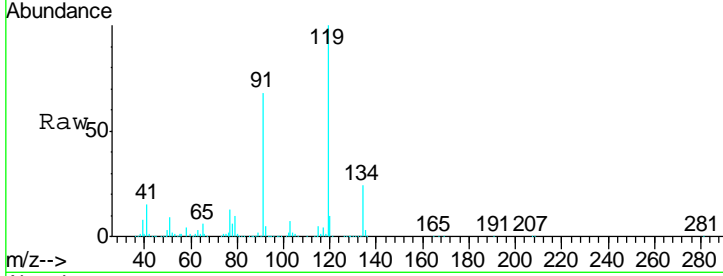
#83
 tert-Butylbenzene
 Concen: 54.237 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	100		
91	66.0	34.1	102.3
134	25.2	11.6	34.8

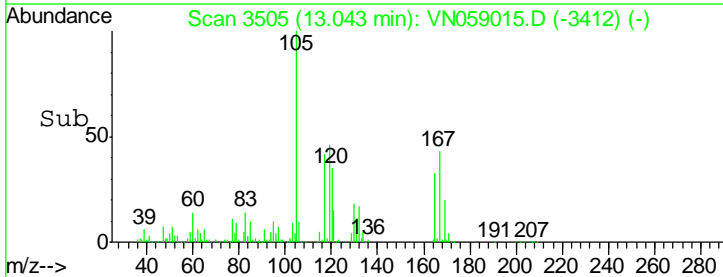
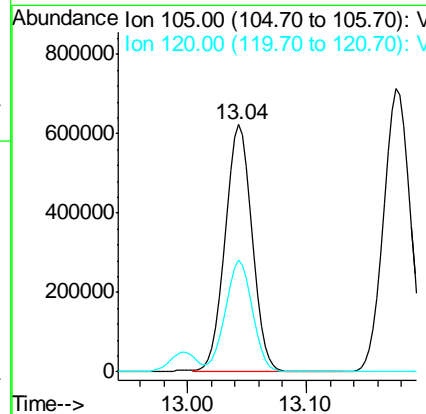
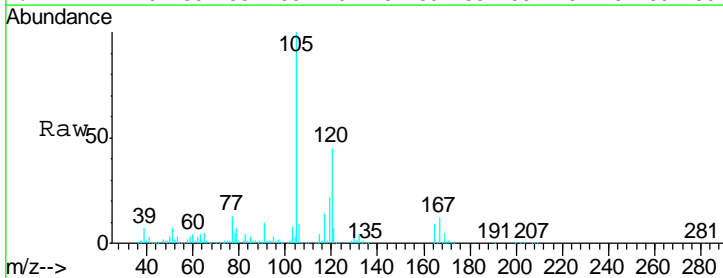
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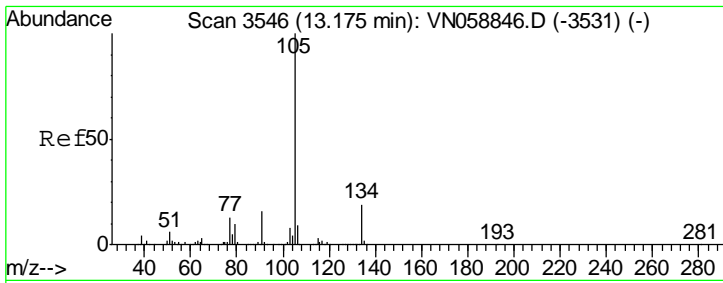
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 10/31/2019 3:37:15 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 55.088 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
105	100		
120	45.2	21.9	65.8



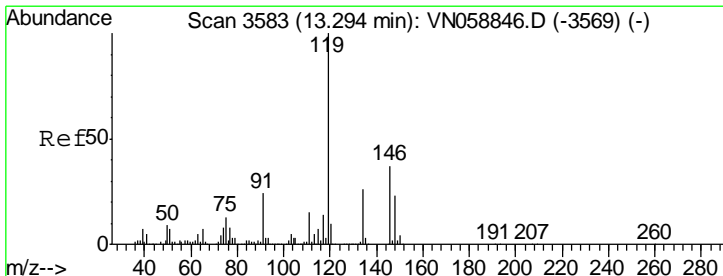
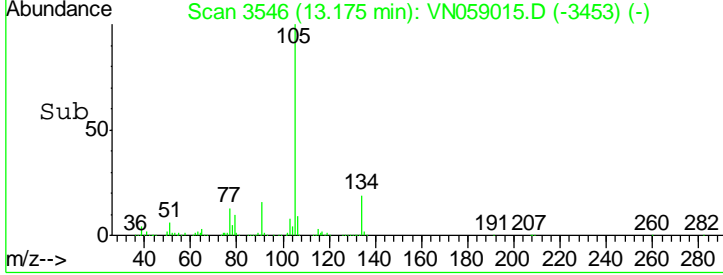
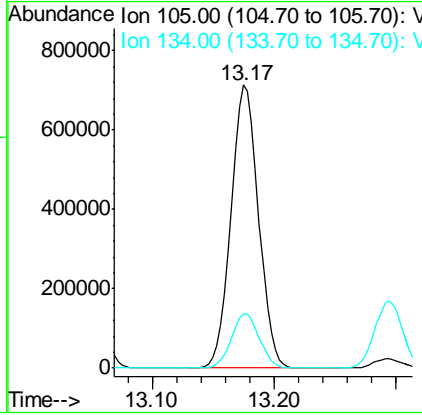
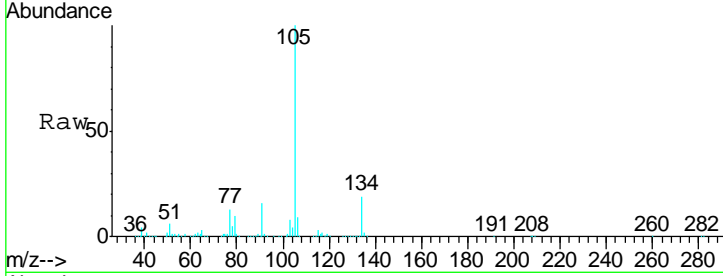


#85
 sec-Butylbenzene
 Concen: 54.575 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

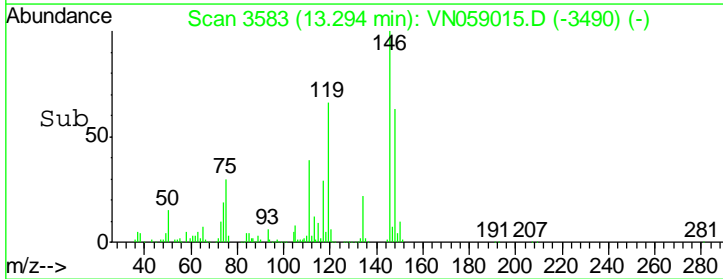
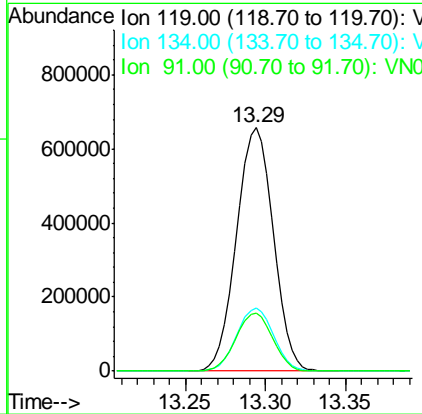
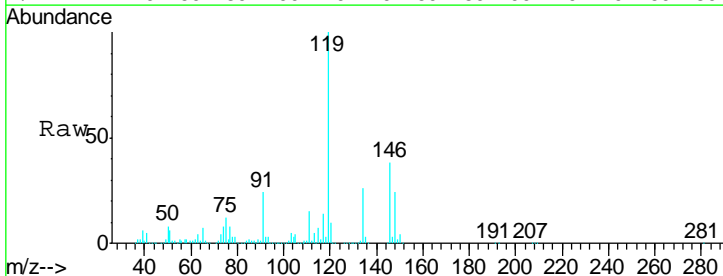
Tgt Ion	Resp	Lower	Upper
105	100		
134	19.5	9.4	28.2

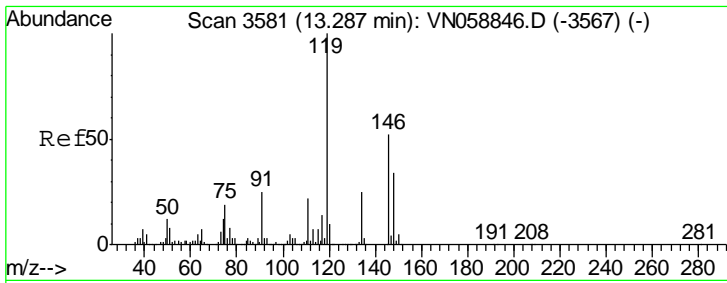
Manual Integrations
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 MMDadoda
 10/31/2019 3:37:15 PM



#86
 p-Isopropyltoluene
 Concen: 56.707 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
119	100		
134	26.0	12.8	38.4
91	23.8	12.2	36.4





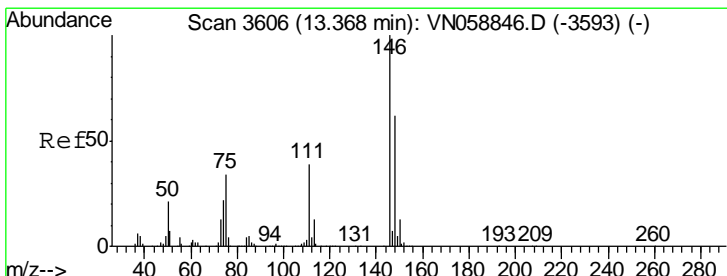
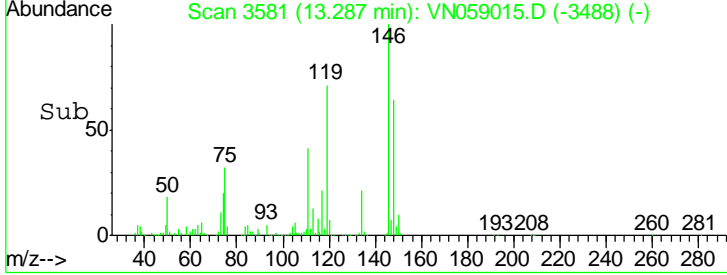
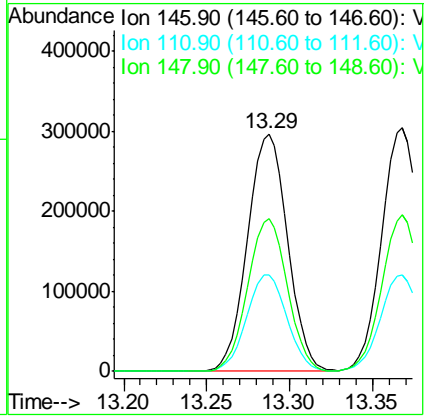
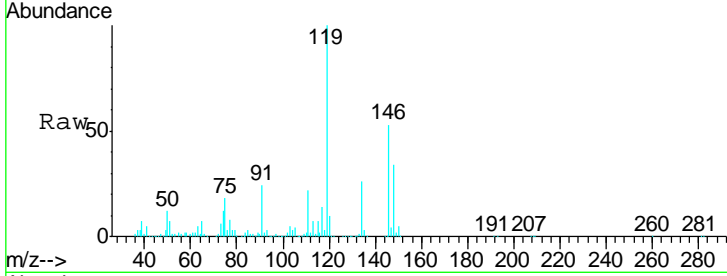
#87
 1,3-Dichlorobenzene
 Concen: 53.072 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	501204		
111	41.0	21.0	63.0
148	63.4	32.1	96.3

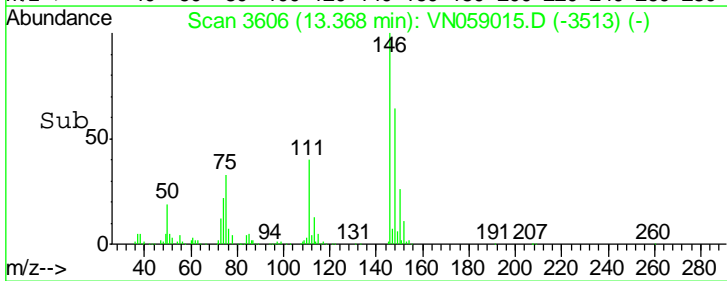
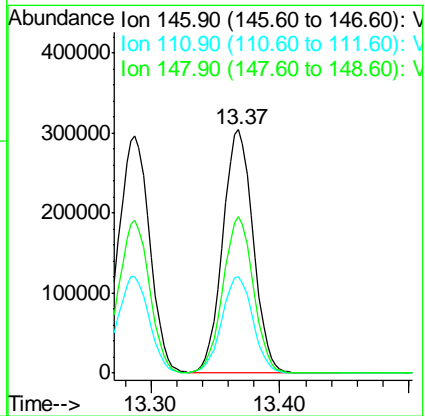
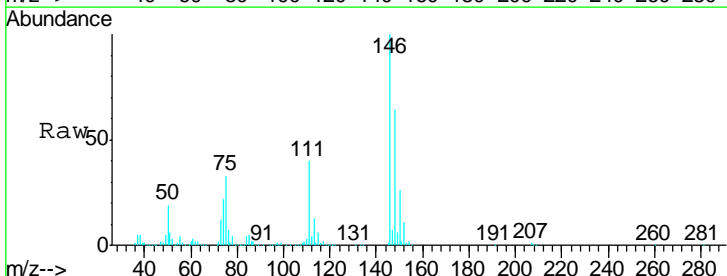
Manual Integrations
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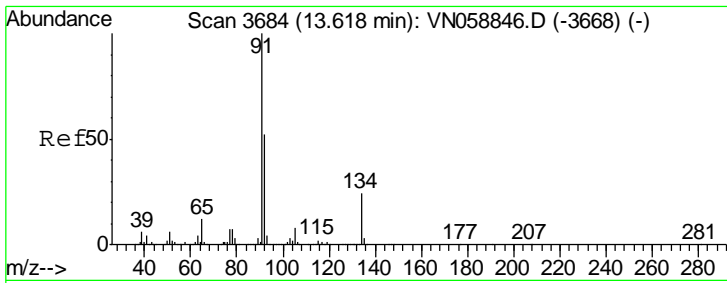
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 10/31/2019 3:37:15 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.534 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
146	496719		
111	40.5	20.2	60.6
148	64.2	31.6	94.7





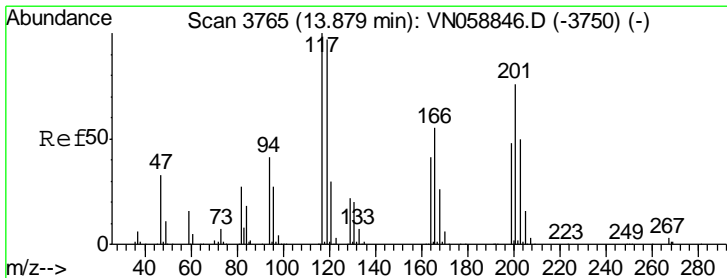
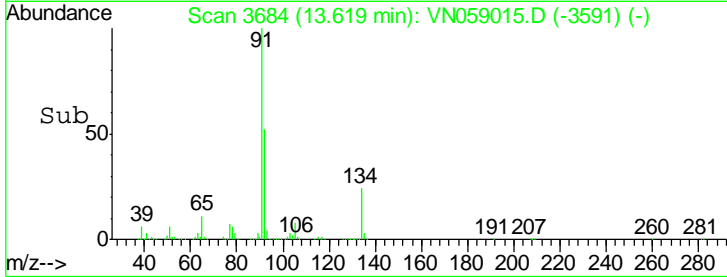
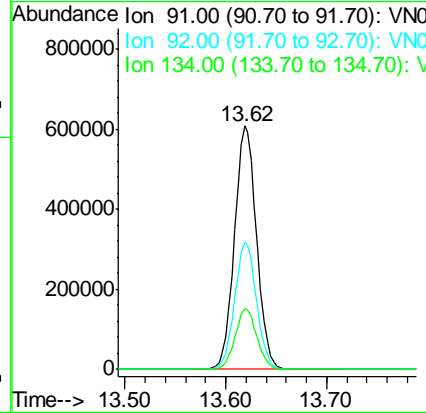
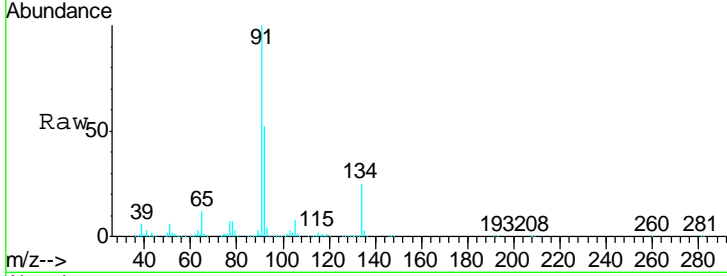
#89
 n-Butylbenzene
 Concen: 55.746 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	51.9	25.7	77.1
134	24.6	11.9	35.5

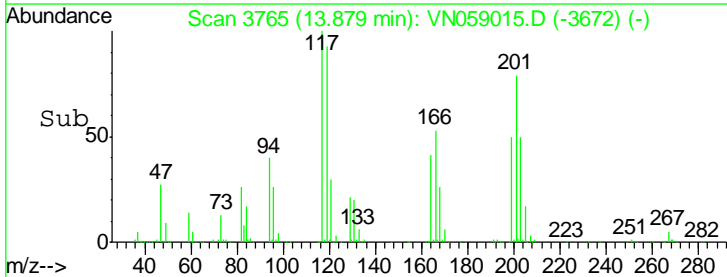
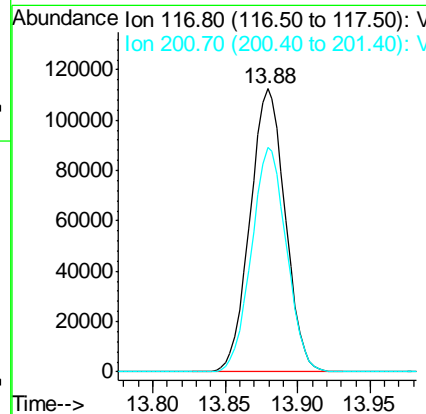
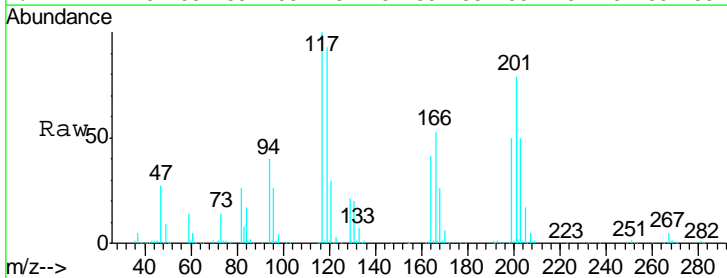
Manual Integrations
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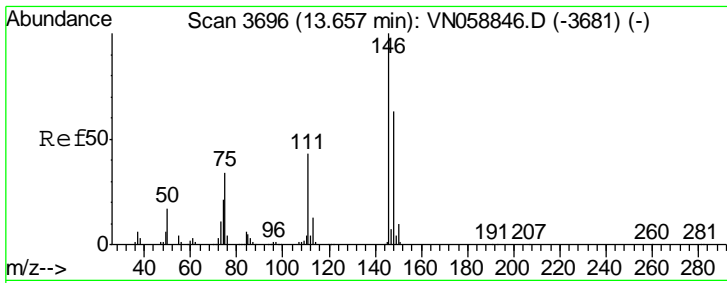
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#90
 Hexachloroethane
 Concen: 51.797 ug/l
 RT: 13.88 min Scan# 3765
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
117	100		
201	78.8	38.9	116.6





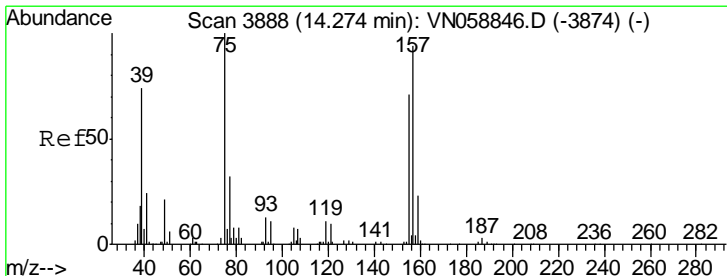
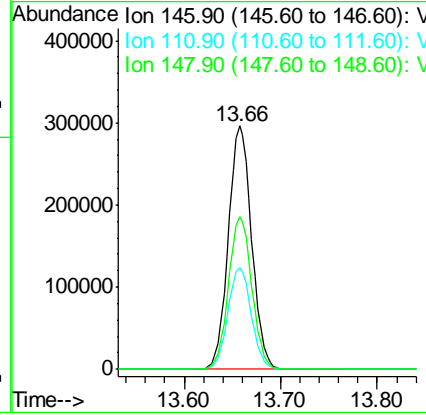
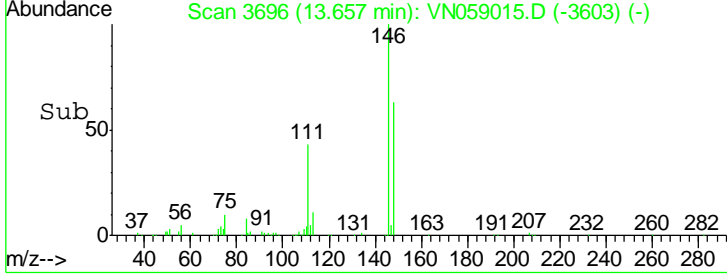
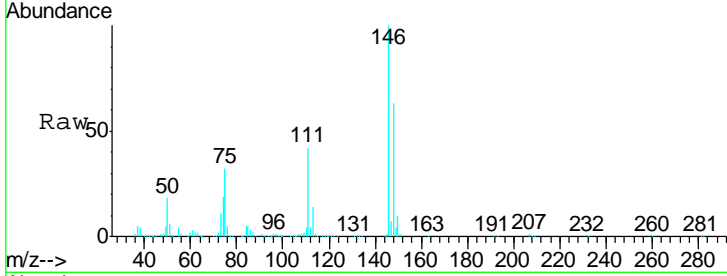
#91
 1,2-Dichlorobenzene
 Concen: 53.141 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	100		
111	42.3	21.6	64.8
148	63.1	31.9	95.9

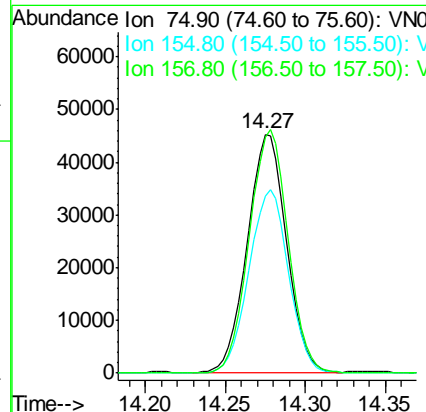
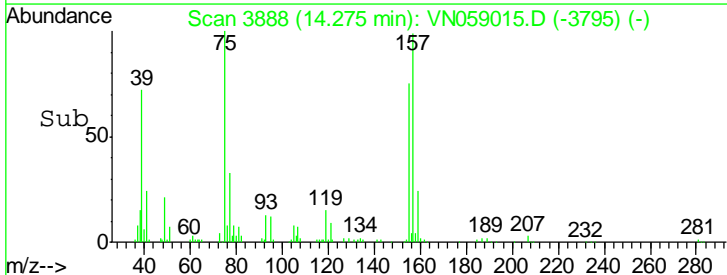
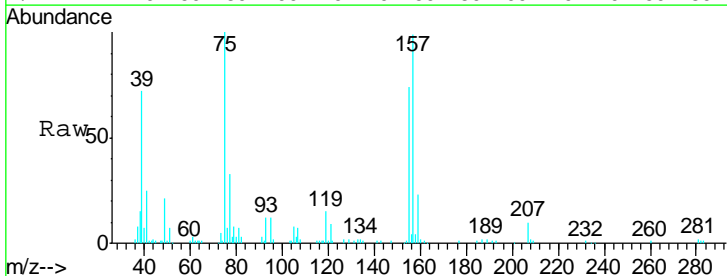
Manual Integrations
 APPROVED

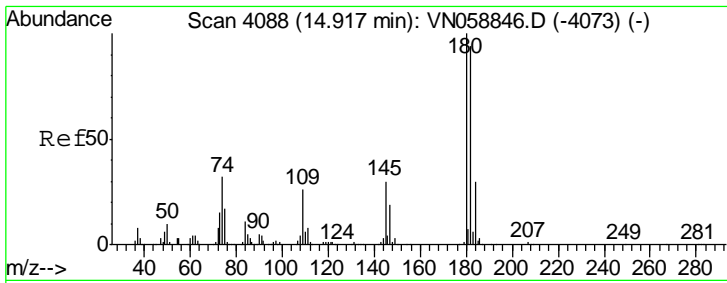
MMDadoda
 10/31/2019 3:37:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.609 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
75	100		
155	77.4	35.6	106.8
157	100.6	47.4	142.2



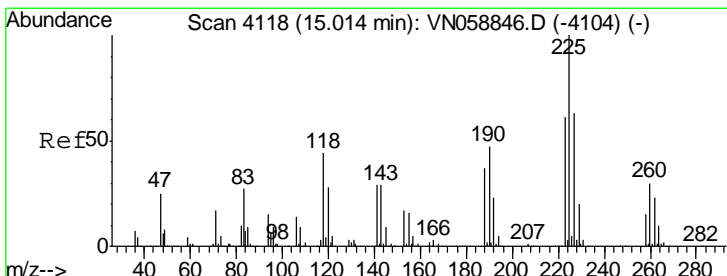
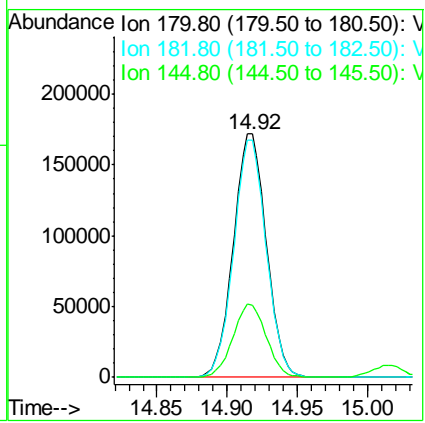
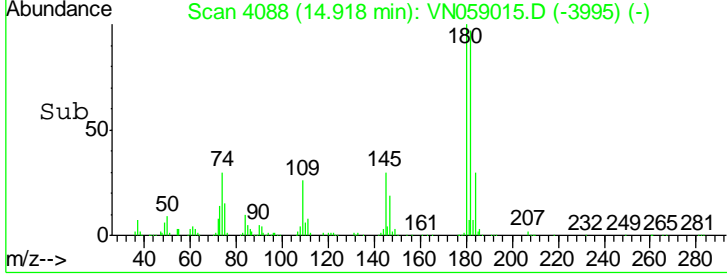
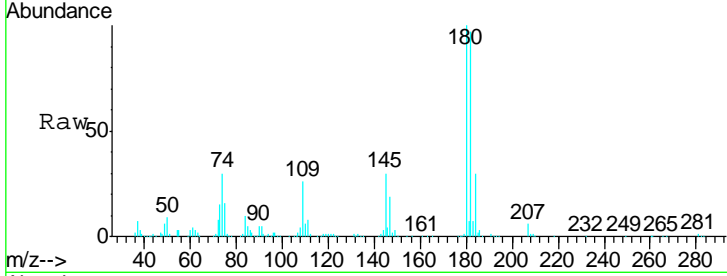


#93
 1,2,4-Trichlorobenzene
 Concen: 48.328 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050

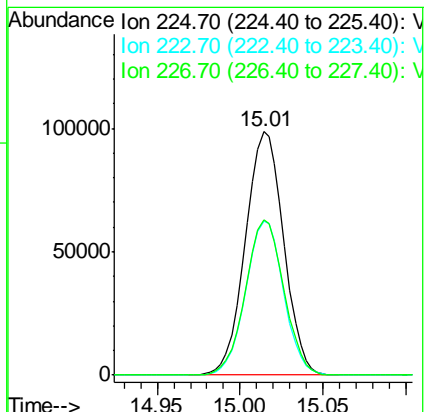
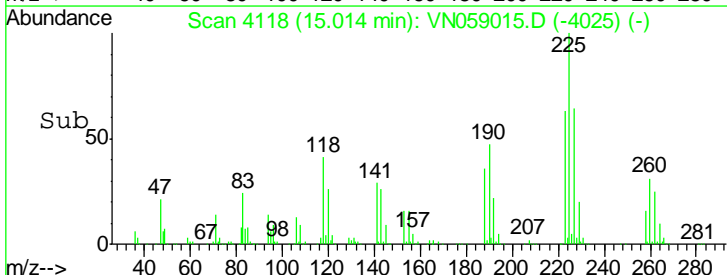
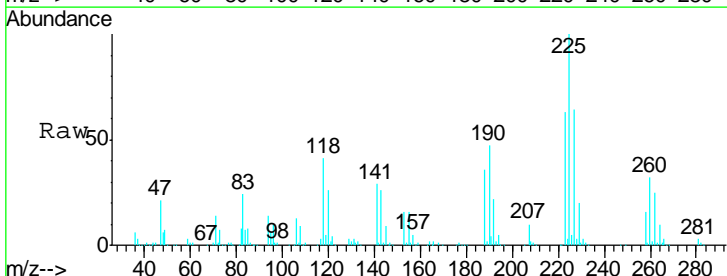
Tgt Ion	Resp	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	30.4	15.3	45.8

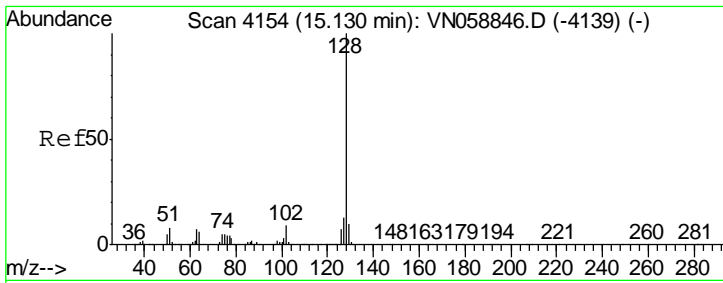
Manual Integrations
APPROVED
 MMDadoda
 10/31/2019 3:37:15 PM



#94
 Hexachlorobutadiene
 Concen: 52.528 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
225	100		
223	62.7	30.9	92.5
227	64.1	31.6	94.7





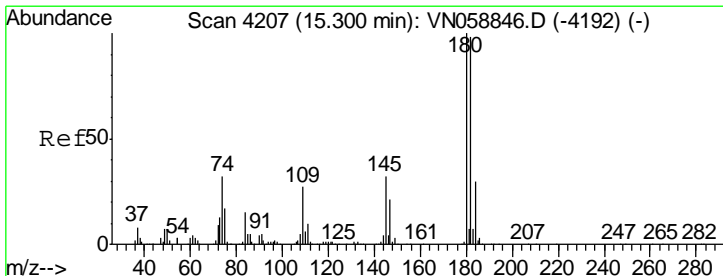
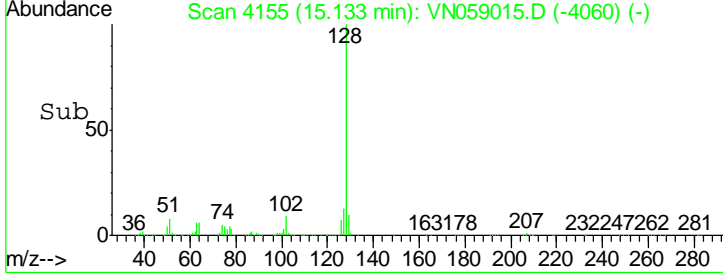
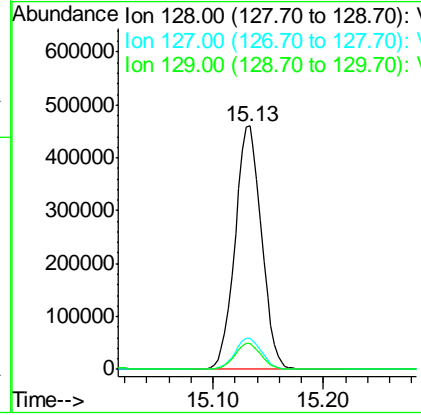
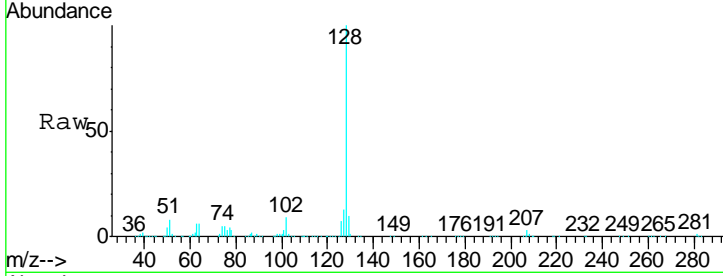
#95
 Naphthalene
 Concen: 45.746 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.4	12.6

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 3:37:15 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 47.976 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN059015.D
 Acq: 30 Oct 2019 9:14

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.3	47.9	143.7
145	32.4	15.9	47.7

